

HUNGARIAN NATIONAL SEISMOLOGICAL BULLETIN

2015

Hungarian National Seismological Bulletin

2015

Authors:

Zoltán Grácz (editor)

István Bondár

Csenge Czanik

Tibor Czifra

Erzsébet Győri

Márta Kiszely

Péter Mónus

Bálint Süle

Gyöngyvér Szanyi

Eszter Szűcs

László Tóth

Péter Varga

Viktor Wesztergom

Zoltán Wéber

MTA CSFK GGI
Kövesligethy Radó Seismological Observatory
Budapest, Hungary
2016


Reference:

Gráczer, Z. (ed.), Bondár, I., Czanik, Cs., Czifra, T., Győri, E., Kiszely, M., Mónus, P., Süle, B., Szanyi, Gy., Szűcs, E., Tóth, L., Varga, P., Wesztergom, V., Wéber, Z., 2016. Hungarian National Seismological Bulletin 2015, Kövesligethy Radó Seismological Observatory, MTA CSFK GGI, Budapest, 278 pp.

Publisher: Dr. Viktor Wesztergom

ISSN 2063-8558

This work is licensed under a Creative Commons License.

 <http://creativecommons.org/licenses/by-nc-nd/3.0/>

Contents

1	The Hungarian National Seismological Network	9
2	Local events	14
3	Focal mechanisms	23
4	Macroseismic data	25
5	Phase data	45
6	References	277

Foreword

During the year 2015 the Hungarian National Seismological Network has been extended by one permanent broadband station in southern Hungary which brought the total number of the permanent stations to 14. Besides, in the frame of the international AlpArray project five temporary broadband stations have been deployed in the Transdanubia.

In 2015, 286 local events have been detected by the Network and 14 Hungarian earthquakes were felt by the public.

Starting this year, the data processing flow and the localization procedure has been significantly enhanced. The seismic phases have now been picked by using the SeisComp3 system (<http://www.seiscomp3.org>) and the events have been located by the iLoc software (Bondár and Storchak, 2011) instead of the formerly used HYPO71 (Lee and Lahr, 1975).

In Chapter 1 of this publication the Hungarian National Seismological Network and the data processing procedure performed in the Kövesligethy Radó Seismological Observatory are presented. The focal parameters of the detected local events are listed in Chapter 2. In Chapter 3 the focal mechanism for one of the strongest Hungarian earthquakes of the year (ML=3.8) is shown. In Chapter 4 the macroseismic data of the felt Hungarian earthquakes are displayed. In Chapter 5 the phase readings of the local events are reported in the ISF2 format.

1. The Hungarian National Seismological Network

Seismological stations and data collection

At the end of the year 2015 the Hungarian National Seismological Network (HNSN) operated by the MTA CSFK GGI Kövesligethy Radó Seismological Observatory consisted of 13 permanent broadband stations, one permanent short period station (CSKK) and five broadband temporary stations.

In February 2015 a new permanent broadband station has been integrated into the HNSN. It was installed in southern Hungary, in the village of Kővágótöttös (KOVH). The station equipment consists of a Streckeisen STS-2.5 seismometer and an Earthdata PS-6-24 digitizer. In December 2015 five broadband temporary stations (A263A, A265A, A266A, A267A, A269A) have been deployed in the Transdanubia in the frame of the AlpArray project (<http://www.alparray.ethz.ch>). All these temporary stations are equipped with Guralp CMG-3T seismometers and Guralp CMG-DM24S3 data acquisition units.

Table 1.1 contains the station parameters of the Hungarian National Seismological Network. The location of the stations are shown in Fig. 1.1.

The data coming from these stations have been collected, stored and processed in the Observatory using the SeisComP3 software package (<http://www.seiscomp3.org>). Besides the HNSN stations, the Observatory collects and processes the data of several stations of the following seismological networks:

- Austrian Seismological Network (OE) – <http://www.zamg.ac.at>
stations: ARSA, CONA, OBKA
- Croatian Seismological Network (CR) – <http://www.gfz.hr/eng/seizmologija/>
stations: PTJ, ZAG
- Czech Seismological Network (CZ) – <https://www.ig.cas.cz/en/seismic-service>
stations: CKRC, JAVC, KRUC, MORC, PRU, TREC, VRAC
- GEOFON (GE) – <http://geofon.gfz-potsdam.de>
stations: STU, TIRR, VSU
- MEDNET (MN) – <http://mednet.rm.ingv.it>
stations: AQU, BLY, DIVS, TIR, TRI, VTS
- Polish Seismological Network (PL) – <http://www.igf.edu.pl/plsn-en.php>
stations: KWP, NIE, OJC
- Romanian Seismological Network (RO) – <http://www.infp.ro/>
stations: ARCR, BANR, BISRR, BMR, BURAR, BZS, CJR, CRAR, DEV, DRGR, GZR, IAS, LOT, MLR, SIRR, VRI
- Serbian Seismological Network (SJ) – <http://www.seismo.gov.rs/>
stations: BBLS, BEO, DJES, FRGS
- Slovak Seismological Network (SK) – <http://www.seismology.sk/>
stations: CRVS, IZAB, KECS, KOLS, LANS, MASL, MODS, PODL, SMOL, SRO, STHS, VYHS, ZST
- Slovenian Seismological Network (SL) – <http://www.arso.gov.si/en/Seismology/>
stations: CRES, KOGS

Table 1.1: Parameters of the permanent and temporary stations of the Hungarian National Seismological Network in 2015

Station	Lat. (°N)	Lon. (°E)	Height (m)	Sensor ^a	Acquisition ^b	Org. ^c	Period ^d
AMBH Ambrózfalva	46.3501	20.7258	88	CMG-3T	CMG-DM24S3	GGI	01.01-12.31
BEHE Becsehely	46.4706	16.7757	289	STS-2	PS-6-24 SeisComP PC	GGI	01.01-12.31
BSZH Besenyszög	47.2996	20.2670	82	CMG-3T	CMG-DM24S3	GGI	01.01-12.31
BUD Budapest	47.4831	19.0201	195	STS-2	PS-6-24 SeisComP PC	GGI	01.01-12.31
CSKK Csókakő	47.3631	18.2605	319	SS-1	CMG-DAS	GGI	01.01-12.31
EGYH Egyházaskesző	47.4163	17.3319	129	CMG-3T	CMG-DM24S3	GGI	07.24-12.31
KOVH Kővágótöttös	46.0883	18.0999	270	STS-2.5	PS-6-24 SeisComP PC	GGI	02.24-12.31
LTVH Létavértes	47.3849	21.9007	121	CMG-3T	CMG-DM24S3	GGI	01.01-12.31
MORH Mórággy	46.2149	18.6435	135	STS-2	PS-6-24 SeisComP PC	GGI	01.01-12.31
MPLH Magyarpolány	47.1712	17.5348	337	STS-2.5	PS-6-24 SeisComP PC	GGI	01.01-12.31
PSZ Piszkéstető	47.9181	19.8933	940	STS-2	PS-6-24 SeisComP PC	GEOFON GGI	01.01-12.31
SOP Sopron	47.6807	16.5567	260	STS-2	PS-6-24 SeisComP PC	GGI	01.01-12.31
TIH Tihany	46.9001	17.8878	189	CMG-3T	CMG-DM24S3	GGI MFGI	01.01-12.31
TRPA Tarpa	48.1304	22.5391	113	STS-2	PS-6-24 SeisComP PC	GGI	01.01-12.31
A263A Hollád	46.6408	17.3149	165	CMG-3T	CMG-DM24S3	GGI	12.15-12.31
A265A Kaposfüred	46.4245	17.7954	151	CMG-3T	CMG-DM24S3	GGI	12.15-12.31
A266A Gyulaj	46.5256	18.2647	219	CMG-3T	CMG-DM24S3	GGI	12.03-12.31
A267A Káloz	46.9463	18.4820	116	CMG-3T	CMG-DM24S3	GGI	12.03-12.31
A269A Baj	47.6386	18.3824	195	CMG-3T	CMG-DM24S3	GGI	12.09-12.31

^a Sensors:

CMG-3T – Guralp CMG-3T broadband seismometer

SS-1 – Kinematics SS-1 short period seismometer

STS-2 and STS-2.5 – Streckeisen broadband seismometers

^b Data acquisition units (at all stations the recording is digital and continuous):

CMG-DM24S3 – Guralp CMG-DM24S3EAM data acquisition system

CMG-DAS – Guralp CMG-DAS data acquisition system

PS-6-24 – Earth Data 24 bit digitizer

SeisComP PC – PrioComP computer equipped with SeisComP software

^c Operating organization:

GEOFON – GEOFON Global Seismic Network, GFZ, Germany

GGI – Geodetic and Geophysical Institute, MTA CSFK, Hungary

MFGI – Hungarian Geological and Geophysical Institute, Hungary

^d Availability period in 2015

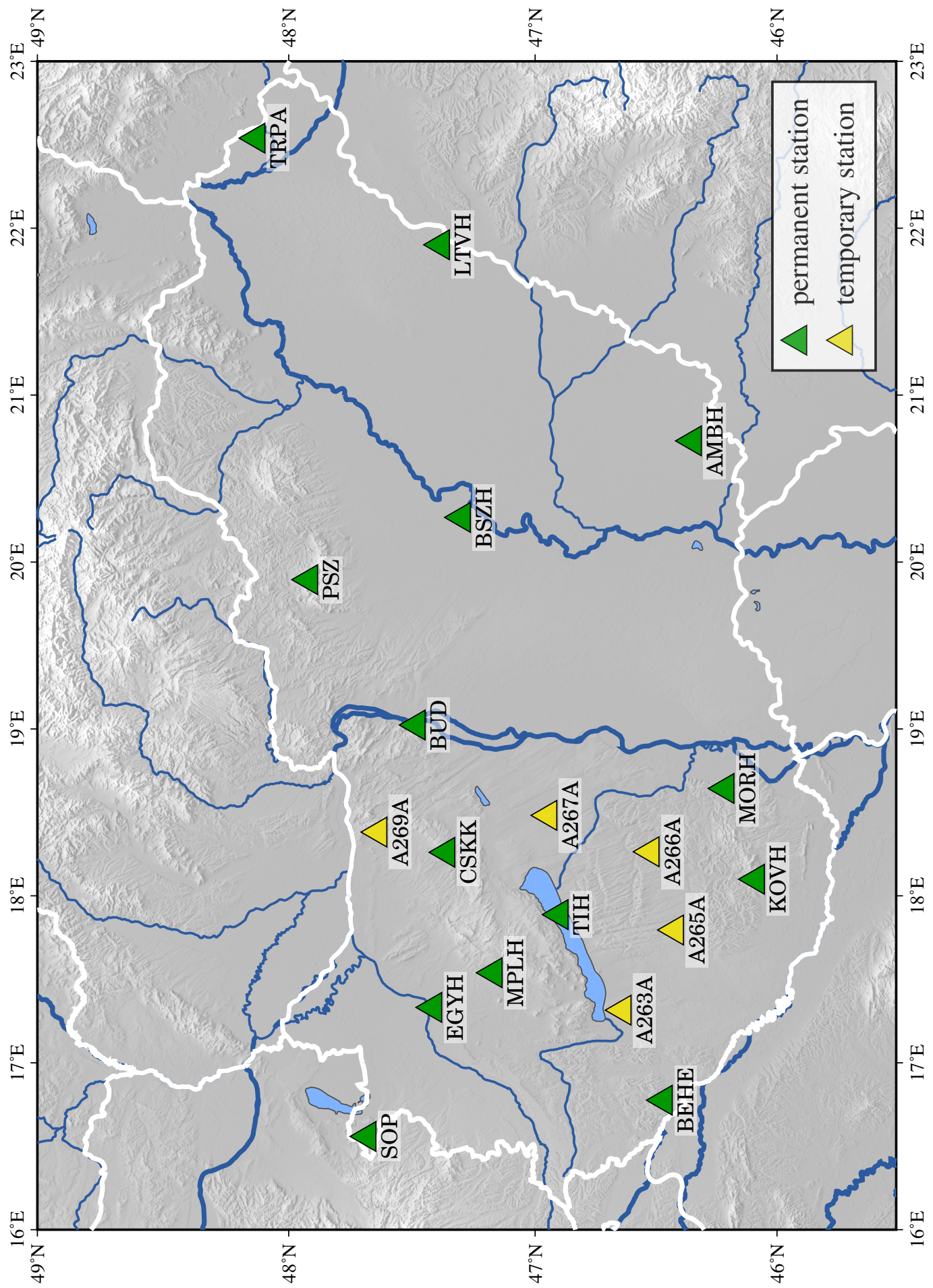


Figure 1.1: Stations of the Hungarian National Seismological Network in 2015

Data processing

The iLoc location algorithm

The iLoc location algorithm is based on the state-of-the-art location algorithm developed for the International Seismological Centre (ISC). The ISC locator (Bondár and Storchak, 2011) is operational since 2011, that is, the ISC Bulletin is produced with the new locator since January 2009. The relocation of the entire ISC Bulletin with the ISC locator is expected to be finished by the end of 2017. The ISC locator:

- Uses most ak135 (Kennett et al., 1995) phases (including depth phases) in the location with elevation, ellipticity (Dziewonski and Gilbert 1976; Kennett and Gudmundsson 1996) and depth-phase bounce point corrections (Engdahl et al., 1998).
- Accounts for correlated travel-time prediction errors
 - Obtains initial guess from Neighbourhood Algorithm search (Sambridge 1999; Sambridge and Kennett, 2001).
 - Performs iterative linearised inversion using an a priori estimate of data covariance matrix (Bondár and McLaughlin, 2009).
- Attempts free-depth solution only if there is depth resolution
 - Default depth for fixed-depth solutions is derived from historical seismicity.
 - Independent depth estimate is obtained from depth-phase stacking (Murphy and Barker, 2006).
- Provides robust magnitude estimates with uncertainties.

In addition to the features of the ISC locator, iLoc provides further functionality to support the needs of national seismological networks:

- Supports the use of local one-dimensional velocity models for travel-time calculations.
- Obtains travel-time predictions for crustal and mantle phases from a three-dimensional global upper mantle model compliant with the RSTT parameterization (Myers et al., 2010).
- Calculates local magnitude, ML, as well as broadband body wave magnitude, mB.
- Communicates with the SeisComp3 database schema through a MySQL client.

The iLoc locator, together with the latest RSTT three-dimensional velocity model (Myers et al., 2010) is available for download from MTA CSFK KRSZO website (<http://www.seismology.hu/data/iLoc/>).

Location procedure

To produce the annual Hungarian National Seismological Bulletin (HNSB) all reviewed SeisComp3 events were relocated with iLoc. The SeisComp3 hypocentres include both earthquakes and anthropogenic (quarry blasts, mine explosions) events. The event type flag is set accordingly for all events in the bulletin. Bogus events were deleted from the SeisComp3 catalog.

Prior to the relocations, we downloaded additional phase and hypocenter data from the ISC Bulletin (<http://www.isc.ac.uk>) for events in 2016 that occurred in the coordinate rectangle (42.50°N, 13.50°E – 50.50°N, 25.50°E). These data were associated to the reviewed events and inserted into the SeisComp3 database tables.

Note that the coordinate rectangle in which we produce the HNSB includes the Pannonian basin, parts of the Alps, Carpathians and the Dinarides, so a simple 1D velocity model would not be sufficient to produce reliable travel time predictions for the large variety of geologic and tectonic provinces in the region. Relocation studies of ground truth events demonstrated that the RSTT global 3D upper mantle velocity model (Myers et al., 2010) performs better in the region than local velocity models. Hence, during the relocations with iLoc we used the RSTT model to obtain travel-time predictions for local (Pg, Pb, Sg, Sb and Lg) and regional (Pn, Sn) phases up to 15-degree epicentral distances. Beyond that we used ak135 (Kennett et al., 1995) travel time predictions.

iLoc, as all linearized location algorithms, minimizes the root-mean-square travel-time residuals of the observed seismic phase arrivals. The a priori measurement error estimate is provided for each phase that could contribute to the location of an event. During the location process, if the magnitude of the time residual of a phase (the difference between the observed and predicted arrival times) is larger than six times of the a priori measurement error, the phase is made non-defining, and it is no longer considered in the location process.

2. Local events

In 2015, 286 local events (Table 2.1) have been detected by the Hungarian National Seismological Network in the area confined by the latitudes 45.5-49.0°N and longitudes 16.0-23.0°E. From these events 233 earthquakes (Fig. 2.1) and 53 quarry explosions (Fig. 2.2) have been identified. Twenty-two explosions were labeled as ground truth events based on the reports of the respective mines (Fig. 2.3).

In Table 2.1, the column *Locality* shows the name of the nearest settlement (or mine in the case of ground truth events) if the event occurred in Hungary, otherwise the name of the country is displayed.

Table 2.1: Parameters of events detected by the Hungarian National Seismological Network (Magnitude: local magnitude (ML), Type: EQ – earthquake, GT – ground truth event, EX – explosion).

	Date	Time	Lat. (°N)	Long. (°E)	Depth (km)	Magnitude	Type	Locality
1.	2015.01.01	06:43:23.5	48.0456	19.4227	5.7	3.9	EQ	Csitár
2.	2015.01.01	10:27:44.1	48.0195	19.4411	6.9	2.0	EQ	Iliny
3.	2015.01.01	10:45:56.9	48.0225	19.4477	5.6	3.9	EQ	Iliny
4.	2015.01.01	10:46:37.4	48.0127	19.4333	1.4	3.2	EQ	Iliny
5.	2015.01.01	11:05:05.6	48.2762	19.7541	10.0	1.3	EQ	Slovakia
6.	2015.01.01	14:22:09.2	48.0183	19.4239	7.2	2.9	EQ	Iliny
7.	2015.01.01	17:00:53.4	48.0307	19.4423	5.5	1.5	EQ	Iliny
8.	2015.01.01	19:44:35.8	48.0248	19.4267	4.5	2.8	EQ	Iliny
9.	2015.01.02	01:44:01.8	48.0286	19.4361	2.1	1.9	EQ	Iliny
10.	2015.01.05	12:09:10.5	46.0353	16.1396	2.8	1.9	EQ	Croatia
11.	2015.01.07	13:48:53.7	48.0417	19.4297	7.3	2.0	EQ	Iliny
12.	2015.01.09	10:37:27.0	47.1831	17.9554	10.0	1.1	EQ	Eplény
13.	2015.01.13	10:38:55.2	45.5111	16.1018	2.8	2.2	EQ	Croatia
14.	2015.01.14	23:07:20.6	46.0635	17.1013	4.0	2.2	EQ	Croatia
15.	2015.01.15	14:21:12.8	46.1358	16.4558	12.3	2.1	EQ	Croatia
16.	2015.01.18	21:02:18.5	45.9649	16.0184	3.2	1.7	EQ	Croatia
17.	2015.01.23	02:36:47.0	47.9612	16.3810	7.3	1.0	EQ	Austria
18.	2015.01.27	04:00:48.0	48.7812	19.3797	8.8	1.9	EQ	Slovakia
19.	2015.01.28	23:41:21.0	47.7918	17.6961	12.6	2.0	EQ	Slovakia
20.	2015.01.29	05:53:23.0	45.7031	18.8568	4.5	2.8	EQ	Croatia
21.	2015.01.31	21:22:47.0	45.9150	16.0781	9.2	2.9	EQ	Croatia
22.	2015.02.10	20:41:22.8	45.9527	16.0522	8.1	1.9	EQ	Croatia
23.	2015.02.12	10:06:00.3	47.1067	18.0132	4.9	1.6	EQ	Litér
24.	2015.02.16	10:29:56.8	48.5332	20.8040	0.0	1.9	EX	Bódvalenke
25.	2015.02.16	17:51:43.0	47.7528	16.1329	10.0	2.2	EQ	Austria
26.	2015.02.23	10:15:28.4	48.5760	20.7501	0.0	2.0	EX	Slovakia
27.	2015.02.23	11:41:57.9	47.2302	18.2835	0.0	2.0	GT	Iszkaszentgyörgy
28.	2015.03.02	11:07:21.4	47.8887	19.1565	0.0	2.0	EX	Nőtincs
29.	2015.03.03	10:34:03.5	48.5839	20.7692	0.0	2.0	EX	Slovakia
30.	2015.03.03	11:14:19.8	48.4091	19.3329	0.0	1.9	EX	Slovakia
31.	2015.03.04	09:35:04.6	47.0723	18.2594	0.0	1.5	EX	Füle
32.	2015.03.04	12:21:07.9	48.5069	19.3549	0.0	1.7	EX	Slovakia

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
33.	2015.03.08	22:17:34.7	47.8613	20.7729	8.8	2.1	EQ	Csincse
34.	2015.03.08	22:21:06.0	47.8396	20.7650	7.4	2.2	EQ	Gelej
35.	2015.03.09	09:55:42.6	47.8465	20.8525	7.6	2.3	EQ	Igrici
36.	2015.03.11	09:54:23.3	46.1765	18.2926	0.0	-	GT	Komló-II
37.	2015.03.12	08:23:17.1	46.1765	18.2926	0.0	1.0	GT	Komló-II
38.	2015.03.12	19:11:56.2	46.1438	16.6853	18.7	2.0	EQ	Croatia
39.	2015.03.17	08:02:59.7	45.8525	18.3977	0.0	-	GT	Nagyharsány-I
40.	2015.03.19	11:43:29.0	48.5272	19.3611	0.0	1.9	EX	Slovakia
41.	2015.03.21	12:13:30.0	48.3458	19.8612	0.0	1.6	EX	Slovakia
42.	2015.03.24	18:45:50.1	47.5430	18.8610	7.4	1.7	EQ	Telki
43.	2015.03.25	10:16:25.1	46.1765	18.2926	0.0	1.0	GT	Komló-II
44.	2015.03.26	12:36:49.1	47.1297	17.9623	4.7	1.7	EQ	Hajmáskér
45.	2015.03.27	12:13:28.2	48.5623	20.7728	0.0	1.6	EX	Tornanádaska
46.	2015.03.29	15:39:16.6	48.0152	20.8586	3.3	3.2	EQ	Mályi
47.	2015.03.30	09:36:26.1	48.5369	19.3671	0.0	1.8	EX	Slovakia
48.	2015.04.01	00:34:33.5	48.0321	20.8499	3.8	1.9	EQ	Kistokaj
49.	2015.04.01	09:25:51.1	47.3571	18.3596	0.0	1.8	EX	Csákberény
50.	2015.04.01	14:39:22.5	47.4869	18.7190	7.0	1.7	EQ	Herceghalom
51.	2015.04.02	17:10:20.1	46.2340	16.8110	3.4	2.0	EQ	Croatia
52.	2015.04.08	09:25:39.0	48.8838	20.4830	0.0	2.2	EX	Slovakia
53.	2015.04.09	08:48:55.4	46.1765	18.2926	0.0	-	GT	Komló-II
54.	2015.04.09	11:09:20.6	46.1204	18.0243	0.0	-	GT	Bükkösd-I
55.	2015.04.14	09:56:58.7	48.6486	20.7142	0.0	1.8	EX	Slovakia
56.	2015.04.15	12:41:32.9	47.1139	18.0093	0.0	1.4	EX	Litér
57.	2015.04.18	01:19:05.4	47.2721	18.2672	9.6	1.5	EQ	Kincsesbánya
58.	2015.04.21	19:25:21.2	47.1718	17.7800	18.0	1.6	EQ	Hárskút
59.	2015.04.29	10:46:23.9	46.1204	18.0243	0.0	-	GT	Bükkösd-I
60.	2015.05.04	09:10:09.1	48.2769	20.0344	0.0	-	EX	Slovakia
61.	2015.05.05	09:30:34.6	48.5270	19.3634	0.0	1.7	EX	Slovakia
62.	2015.05.06	11:41:00.7	48.3554	19.8436	0.0	1.7	EX	Slovakia
63.	2015.05.07	09:22:08.4	48.5490	20.7721	0.0	1.9	EX	Komjáti
64.	2015.05.07	12:37:25.1	47.0949	17.9939	0.0	1.5	EX	Litér
65.	2015.05.08	08:57:27.7	46.1765	18.2926	0.0	0.8	GT	Komló-II
66.	2015.05.09	08:51:22.7	46.1765	18.2926	0.0	0.9	GT	Komló-II
67.	2015.05.11	05:00:26.7	47.9524	22.9341	0.4	3.2	EQ	Romania
68.	2015.05.11	11:35:08.0	47.5231	18.3109	13.6	2.0	EQ	Kecskéd
69.	2015.05.13	06:17:21.8	47.8987	20.0893	0.0	1.9	GT	Recsk
70.	2015.05.19	10:04:27.8	45.6026	17.5712	15.0	-	EQ	Croatia
71.	2015.05.22	08:42:14.7	47.0985	17.9556	9.6	1.5	EQ	Veszprém
72.	2015.05.22	12:35:36.3	48.3363	19.8611	0.0	1.5	EX	Slovakia
73.	2015.05.24	14:30:53.7	47.4538	18.1716	10.0	1.4	EQ	Pusztavám
74.	2015.05.27	12:18:39.6	47.0544	18.0371	7.4	1.6	EQ	Balatonfűzfő
75.	2015.05.28	04:22:07.2	48.7371	21.9307	7.7	2.5	EQ	Slovakia
76.	2015.05.30	17:18:00.8	47.7117	16.1770	11.0	1.9	EQ	Austria
77.	2015.06.01	06:08:30.5	47.8987	20.0893	0.0	1.7	GT	Recsk
78.	2015.06.04	07:13:53.3	45.9564	19.1832	1.7	1.7	EQ	Serbia
79.	2015.06.05	07:35:01.5	45.8525	18.3977	0.0	0.8	GT	Nagyharsány-I
80.	2015.06.06	22:22:29.7	46.1463	16.2393	6.0	1.7	EQ	Croatia
81.	2015.06.08	06:18:39.9	47.8987	20.0893	0.0	1.2	GT	Recsk
82.	2015.06.09	08:45:20.3	48.5547	20.7574	0.0	1.9	EX	Komjáti
83.	2015.06.13	17:46:35.7	48.0516	21.7094	6.8	2.1	EQ	Kótaj

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
84.	2015.06.14	05:13:02.4	47.1231	17.7037	0.2	1.1	EQ	Szentgál
85.	2015.06.14	11:43:42.2	48.3103	22.5252	9.4	2.1	EQ	Ukraine
86.	2015.06.15	09:39:42.9	48.3997	17.1905	5.8	2.3	EQ	Slovakia
87.	2015.06.16	11:22:43.2	47.0999	18.0377	4.5	1.4	EQ	Királyszentistván
88.	2015.06.16	23:16:39.1	47.4314	18.2610	8.4	1.5	EQ	Pusztavám
89.	2015.06.17	09:26:15.4	48.8605	20.5324	15.6	1.9	EQ	Slovakia
90.	2015.06.18	13:01:10.1	48.5176	20.8056	2.7	1.8	EQ	Tornaszentandrás
91.	2015.06.23	09:50:37.2	48.5176	19.3468	2.8	1.7	EQ	Slovakia
92.	2015.06.24	10:55:55.6	47.0533	17.7863	0.0	1.8	EX	Tótvázsony
93.	2015.06.24	11:15:50.4	48.5904	20.7515	9.4	1.4	EQ	Slovakia
94.	2015.06.26	09:03:14.4	47.9083	19.2036	0.0	1.3	EX	Felsőpetény
95.	2015.07.06	10:59:21.5	48.8393	20.9707	6.7	2.4	EQ	Slovakia
96.	2015.07.06	16:01:10.7	47.1318	17.8682	5.0	1.4	EQ	Márkó
97.	2015.07.08	07:44:55.0	45.8525	18.3977	0.0	1.0	GT	Nagyharsány-I
98.	2015.07.08	10:00:27.7	48.8332	20.8005	22.2	2.0	EQ	Slovakia
99.	2015.07.11	08:06:25.9	48.5219	19.3762	0.0	1.0	EQ	Slovakia
100.	2015.07.13	08:30:31.6	48.5909	20.7709	4.7	1.7	EQ	Slovakia
101.	2015.07.15	03:58:54.9	48.0836	22.4399	6.4	2.3	EQ	Gulács
102.	2015.07.16	09:32:19.4	48.3451	19.8274	0.0	1.6	EX	Slovakia
103.	2015.07.16	11:50:54.9	48.1795	21.2061	5.8	2.0	EQ	Szerencs
104.	2015.07.17	05:56:01.8	45.8525	18.3977	0.0	1.1	GT	Nagyharsány-I
105.	2015.07.19	09:27:16.4	46.9704	21.5086	6.1	2.9	EQ	Komádi
106.	2015.07.19	10:09:52.7	48.0495	20.8803	10.0	1.6	EQ	Sajólad
107.	2015.07.19	21:46:36.2	48.0867	22.3777	2.6	2.0	EQ	Olcsvaapáti
108.	2015.07.20	20:11:52.0	47.7450	16.1926	5.4	1.8	EQ	Austria
109.	2015.07.21	13:36:18.5	48.0353	20.8210	2.7	2.3	EQ	Kistokaj
110.	2015.07.21	15:25:21.1	47.4412	22.4216	1.7	2.1	EQ	Romania
111.	2015.07.23	09:47:18.9	48.5211	19.3563	3.3	1.8	EQ	Slovakia
112.	2015.07.24	08:08:16.2	48.8739	21.0916	8.2	2.1	EQ	Slovakia
113.	2015.07.25	09:12:56.1	46.1765	18.2926	0.0	-	GT	Komló-II
114.	2015.07.28	06:39:54.0	48.5207	19.3585	0.0	1.7	EQ	Slovakia
115.	2015.07.28	09:09:37.8	48.5458	20.7910	0.0	1.5	EX	Bódvalenke
116.	2015.07.30	08:57:52.1	48.5680	20.7688	5.0	1.3	EQ	Slovakia
117.	2015.07.30	13:28:30.6	48.3855	19.6934	5.0	2.0	EQ	Slovakia
118.	2015.08.02	23:09:19.4	47.4545	18.4038	13.7	1.6	EQ	Várgesztes
119.	2015.08.03	09:17:03.1	46.1765	18.2926	0.0	-	GT	Komló-II
120.	2015.08.04	08:43:32.5	48.5285	20.8042	0.0	1.6	EQ	Bódvalenke
121.	2015.08.05	12:17:16.8	47.9382	20.1303	9.0	2.7	EQ	Recsk
122.	2015.08.06	05:21:24.2	47.4193	19.9752	4.5	1.5	EQ	Alattyán
123.	2015.08.07	08:23:56.8	47.0861	18.0683	5.0	1.4	EQ	Papkeszi
124.	2015.08.10	09:39:07.8	48.5488	20.7849	6.9	1.6	EQ	Tornanádaska
125.	2015.08.10	12:32:29.4	48.3802	17.2545	7.9	1.9	EQ	Slovakia
126.	2015.08.10	21:51:04.2	47.3167	18.2991	0.0	1.3	EX	Söréd
127.	2015.08.11	06:33:03.4	47.8987	20.0893	0.0	1.6	GT	Recsk
128.	2015.08.11	08:36:21.8	46.0870	22.0838	5.0	1.5	EQ	Romania
129.	2015.08.12	07:57:16.2	47.0978	17.9946	0.0	1.4	EX	Litér
130.	2015.08.12	13:12:00.2	45.5539	17.3022	0.2	1.8	EQ	Croatia
131.	2015.08.13	06:29:56.8	47.8987	20.0893	0.0	1.8	GT	Recsk
132.	2015.08.13	08:14:38.8	46.1765	18.2926	0.0	-	GT	Komló-II
133.	2015.08.13	09:33:08.8	48.8338	20.4327	11.0	2.4	EQ	Slovakia
134.	2015.08.15	15:33:25.0	47.9341	16.3413	7.4	2.0	EQ	Austria

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
135.	2015.08.15	15:35:30.3	47.9289	16.3673	11.9	2.2	EQ	Austria
136.	2015.08.15	15:57:28.4	47.9581	16.3386	7.2	1.9	EQ	Austria
137.	2015.08.15	16:11:14.8	47.9144	16.3731	12.9	2.1	EQ	Austria
138.	2015.08.15	17:15:27.0	47.9411	16.3294	11.3	1.6	EQ	Austria
139.	2015.08.15	17:34:44.8	47.9426	16.4053	3.9	1.8	EQ	Austria
140.	2015.08.15	17:35:29.9	47.9224	16.3691	11.4	1.8	EQ	Austria
141.	2015.08.15	17:59:50.0	47.9246	16.3317	11.3	1.8	EQ	Austria
142.	2015.08.15	18:43:13.7	47.9087	16.3557	10.0	1.2	EQ	Austria
143.	2015.08.15	21:03:07.8	47.9405	16.3437	7.3	1.4	EQ	Austria
144.	2015.08.15	21:32:44.2	47.9346	16.3578	14.5	1.8	EQ	Austria
145.	2015.08.16	01:39:41.0	47.4271	21.7771	10.1	2.2	EQ	Monostorpályi
146.	2015.08.16	02:18:40.1	47.9272	16.3465	10.5	1.5	EQ	Austria
147.	2015.08.19	09:47:26.2	46.1347	21.5891	14.2	1.5	EQ	Romania
148.	2015.08.21	10:43:13.6	48.5448	20.4406	0.0	-	EQ	Slovakia
149.	2015.08.21	11:24:09.4	47.4793	20.3140	5.5	1.9	EQ	Pély
150.	2015.08.21	21:07:50.6	45.9190	21.1069	0.1	1.7	EQ	Romania
151.	2015.08.24	11:54:38.7	46.0729	22.8409	7.2	2.2	EQ	Romania
152.	2015.08.26	10:53:32.3	48.5717	20.7656	5.1	1.7	EQ	Slovakia
153.	2015.08.26	18:14:44.5	45.8967	16.0473	5.0	2.2	EQ	Croatia
154.	2015.08.27	13:53:10.3	48.2824	19.8884	3.8	1.5	EQ	Slovakia
155.	2015.09.02	09:03:46.6	48.3695	17.2720	10.2	2.0	EQ	Slovakia
156.	2015.09.03	06:59:25.2	46.3228	21.6268	5.7	2.2	EQ	Romania
157.	2015.09.05	17:32:13.1	46.0594	16.0262	4.0	2.5	EQ	Croatia
158.	2015.09.06	22:09:26.5	47.6057	18.7183	11.9	2.2	EQ	Máriaalom
159.	2015.09.07	08:43:39.6	48.5654	20.7727	10.0	1.7	EQ	Tornanádaska
160.	2015.09.07	17:41:17.9	46.0370	16.0305	9.0	1.9	EQ	Croatia
161.	2015.09.08	10:59:54.0	48.5095	20.7947	4.7	1.5	EQ	Tornaszentandrás
162.	2015.09.10	09:28:26.2	46.0260	21.8554	8.9	1.2	EQ	Romania
163.	2015.09.11	09:01:44.1	48.5424	20.3898	0.0	1.6	EQ	Slovakia
164.	2015.09.11	19:41:53.3	47.0519	18.0704	1.6	1.3	EQ	Balatonfűzfő
165.	2015.09.15	09:33:17.2	47.0657	18.0041	7.4	1.6	EQ	Balatonfűzfő
166.	2015.09.15	18:41:37.0	45.8129	16.0198	2.7	2.7	EQ	Croatia
167.	2015.09.15	19:09:33.4	45.8803	18.3548	5.0	-	EQ	Nagytótfalu
168.	2015.09.18	08:07:01.8	47.0864	18.0297	0.0	1.4	EQ	Litér
169.	2015.09.23	08:44:04.0	48.5707	20.7791	0.0	1.8	EQ	Slovakia
170.	2015.09.24	08:03:43.9	48.8183	20.5458	12.5	1.7	EQ	Slovakia
171.	2015.09.24	09:48:24.8	45.6272	17.2585	3.5	2.0	EQ	Croatia
172.	2015.09.25	07:17:14.9	48.3983	19.1393	5.0	1.7	EQ	Slovakia
173.	2015.09.25	08:53:43.8	48.4144	19.4159	15.0	1.6	EQ	Slovakia
174.	2015.09.28	08:51:37.0	46.1459	21.6064	17.0	1.5	EQ	Romania
175.	2015.09.28	09:01:12.5	47.1006	17.9863	0.0	1.5	EQ	Litér
176.	2015.09.28	09:39:56.2	47.0850	18.0771	0.0	1.5	EX	Papkeszi
177.	2015.09.28	10:17:34.3	48.5065	19.3583	0.0	1.6	EQ	Slovakia
178.	2015.09.28	22:14:22.4	48.1214	19.7781	0.0	-	EQ	Karancsalja
179.	2015.09.29	10:32:02.0	46.0849	22.0899	4.7	1.5	EQ	Romania
180.	2015.09.30	02:12:02.6	47.3304	18.4075	5.0	1.4	EQ	Zámoly
181.	2015.10.02	10:17:12.1	48.3471	19.8475	0.0	1.8	EQ	Slovakia
182.	2015.10.02	10:24:27.4	45.5574	17.8194	0.2	2.3	EQ	Croatia
183.	2015.10.06	09:09:06.1	46.3458	21.6753	2.1	1.7	EQ	Romania
184.	2015.10.07	08:58:46.4	48.5652	20.7572	0.0	1.6	EQ	Slovakia
185.	2015.10.07	10:48:32.7	45.8400	21.7282	9.6	1.9	EQ	Romania

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
186.	2015.10.07	11:11:43.8	48.1982	19.2959	0.0	2.0	EQ	Slovakia
187.	2015.10.08	09:18:29.0	48.5768	20.7929	0.0	1.7	EQ	Slovakia
188.	2015.10.08	10:06:33.9	48.5255	19.3422	0.0	1.6	EQ	Slovakia
189.	2015.10.08	11:21:25.8	45.7254	18.0975	5.0	-	EQ	Croatia
190.	2015.10.08	12:44:43.3	48.5151	19.3833	0.0	1.5	EQ	Slovakia
191.	2015.10.09	07:14:45.8	48.3727	19.0921	2.5	1.5	EQ	Slovakia
192.	2015.10.12	14:25:42.2	45.7254	18.8310	15.0	1.3	EQ	Croatia
193.	2015.10.13	10:27:24.9	46.1197	21.7597	0.0	1.4	EQ	Romania
194.	2015.10.13	20:30:57.3	46.2085	16.6104	6.3	1.8	EQ	Croatia
195.	2015.10.15	07:57:36.1	48.5021	20.8437	3.0	1.6	EQ	Debréte
196.	2015.10.15	08:50:39.8	48.6647	19.8702	1.3	1.6	EQ	Slovakia
197.	2015.10.16	14:23:00.9	46.1843	16.0243	5.1	1.8	EQ	Croatia
198.	2015.10.17	11:29:10.2	48.6063	20.1195	0.0	2.4	EQ	Slovakia
199.	2015.10.17	22:33:33.3	48.5946	20.1699	0.0	1.5	EQ	Slovakia
200.	2015.10.19	10:11:03.7	48.2982	19.6932	10.0	-	EQ	Slovakia
201.	2015.10.20	11:36:49.4	48.4198	17.2172	0.0	2.1	EQ	Slovakia
202.	2015.10.20	13:07:34.2	47.0472	19.3510	7.0	1.8	EQ	Tatárszentgyörgy
203.	2015.10.21	11:30:11.2	48.3491	18.2221	9.9	1.5	EQ	Slovakia
204.	2015.10.21	11:57:42.9	48.5463	20.8262	6.7	2.2	EQ	Bódvalenke
205.	2015.10.21	12:50:10.1	46.1036	21.9970	17.3	1.6	EQ	Romania
206.	2015.10.21	14:29:49.9	47.0749	17.9971	10.0	1.5	EQ	Szentkirályszabadja
207.	2015.10.21	19:31:35.7	47.2216	17.5730	3.1	1.7	EQ	Döbrönte
208.	2015.10.22	09:57:23.5	46.0663	22.0567	8.2	1.7	EQ	Romania
209.	2015.10.22	10:31:30.8	46.0461	22.9026	9.4	1.8	EQ	Romania
210.	2015.10.22	10:37:47.0	46.0613	22.8360	4.4	2.0	EQ	Romania
211.	2015.10.22	10:39:45.5	48.9913	19.3867	7.3	1.7	EQ	Slovakia
212.	2015.10.23	07:27:31.1	48.5129	19.3067	10.0	1.6	EQ	Slovakia
213.	2015.10.23	10:03:45.1	48.5292	19.3708	1.6	1.8	EQ	Slovakia
214.	2015.10.24	18:52:35.8	46.9371	18.0779	11.8	1.4	EQ	Siófok
215.	2015.10.24	23:48:47.4	46.1540	22.5407	2.5	1.5	EQ	Romania
216.	2015.10.25	06:46:02.6	47.3652	17.5682	7.8	-	EQ	Vanyola
217.	2015.10.26	11:49:04.4	47.7863	16.1667	10.4	2.4	EQ	Austria
218.	2015.10.28	04:37:15.1	46.3195	17.9654	0.0	-	EQ	Kaposkeresztúr
219.	2015.10.28	10:44:28.9	45.9004	18.8947	1.8	2.0	EQ	Serbia
220.	2015.10.29	09:41:57.8	48.6467	20.6711	13.1	1.6	EQ	Slovakia
221.	2015.10.30	12:11:09.7	48.0812	21.2429	10.0	1.7	EQ	Prügy
222.	2015.10.31	04:30:20.9	45.9447	21.6104	1.7	1.6	EQ	Romania
223.	2015.11.03	11:48:15.0	47.3716	18.3777	12.1	2.7	EQ	Gánt
224.	2015.11.03	13:02:23.3	48.7754	19.4608	8.0	3.4	EQ	Slovakia
225.	2015.11.04	03:42:01.6	47.3275	18.4078	12.8	1.4	EQ	Zámoly
226.	2015.11.05	12:01:21.7	48.3854	17.1954	3.4	2.3	EQ	Slovakia
227.	2015.11.05	13:28:14.0	46.0723	22.8793	0.1	1.7	EQ	Romania
228.	2015.11.05	14:46:07.6	47.3537	18.4496	4.9	1.4	EQ	Csákvár
229.	2015.11.06	14:04:00.3	46.1860	16.0079	10.8	2.3	EQ	Croatia
230.	2015.11.06	23:13:31.4	47.3610	18.4220	6.0	1.9	EQ	Gánt
231.	2015.11.06	23:33:12.2	46.1164	16.4103	7.3	2.8	EQ	Croatia
232.	2015.11.07	14:33:45.2	46.1552	16.5276	5.6	1.8	EQ	Croatia
233.	2015.11.08	03:20:34.3	47.6725	20.3467	0.0	1.9	EQ	Tenk
234.	2015.11.08	19:49:18.2	46.4548	16.2147	8.4	1.8	EQ	Slovenia
235.	2015.11.08	22:58:55.6	45.8392	16.0273	5.5	2.1	EQ	Croatia
236.	2015.11.09	00:22:03.3	45.8601	16.0168	6.7	1.9	EQ	Croatia

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
237.	2015.11.10	03:21:24.2	48.6081	20.1214	5.0	1.4	EQ	Slovakia
238.	2015.11.10	09:18:52.4	47.1004	17.9976	0.0	1.3	EX	Litér
239.	2015.11.11	09:26:07.5	48.8541	20.5442	7.7	1.9	EQ	Slovakia
240.	2015.11.11	11:02:04.4	47.2302	18.2835	0.0	1.6	GT	Iszkaszentgyörgy
241.	2015.11.11	11:43:30.6	48.5158	19.3804	3.4	1.8	EQ	Slovakia
242.	2015.11.13	09:42:31.1	48.4922	20.8019	2.9	2.1	EQ	Tornabarakony
243.	2015.11.16	10:32:30.7	48.8542	20.4958	9.9	1.7	EQ	Slovakia
244.	2015.11.16	13:52:24.8	48.3292	19.8567	0.0	1.8	EX	Slovakia
245.	2015.11.17	12:47:56.8	45.5356	20.2417	8.6	2.5	EQ	Serbia
246.	2015.11.18	10:07:35.0	48.6480	19.3080	10.0	1.8	EQ	Slovakia
247.	2015.11.19	00:30:27.7	45.5715	21.0589	11.1	2.2	EQ	Romania
248.	2015.11.19	01:50:17.5	45.5461	21.0560	13.8	1.9	EQ	Romania
249.	2015.11.19	15:39:35.3	47.4892	18.6710	10.4	2.7	EQ	Bicske
250.	2015.11.23	09:11:39.3	48.4086	19.1394	1.3	1.6	EQ	Slovakia
251.	2015.11.23	11:05:35.6	46.1264	21.7533	3.4	1.4	EQ	Romania
252.	2015.11.24	09:04:14.7	46.3050	21.6860	2.4	1.8	EQ	Romania
253.	2015.11.24	10:59:19.4	48.4599	19.3573	0.1	1.7	EQ	Slovakia
254.	2015.11.26	12:51:01.4	45.5517	17.3655	5.9	2.1	EQ	Croatia
255.	2015.11.29	14:51:42.2	47.3286	18.2449	9.6	2.0	EQ	Bodajk
256.	2015.12.03	10:04:16.9	48.4011	17.2435	3.0	2.4	EQ	Slovakia
257.	2015.12.03	10:52:48.3	45.7007	21.5205	11.4	2.0	EQ	Romania
258.	2015.12.03	12:13:37.2	46.8234	17.5499	10.0	1.8	EQ	Salföld
259.	2015.12.03	13:38:58.0	47.1463	17.8581	11.9	1.6	EQ	Márkó
260.	2015.12.04	06:36:36.0	46.1400	16.5477	6.1	1.9	EQ	Croatia
261.	2015.12.04	09:03:29.8	48.6989	19.2362	0.0	1.5	EQ	Slovakia
262.	2015.12.07	13:46:07.3	46.0103	22.8210	5.6	1.9	EQ	Romania
263.	2015.12.07	13:54:56.2	46.0074	22.7741	2.7	1.9	EQ	Romania
264.	2015.12.08	11:19:25.4	48.7187	20.4633	21.9	-	EQ	Slovakia
265.	2015.12.08	15:28:09.0	47.3263	17.6591	9.9	1.9	EQ	Bakonykoppány
266.	2015.12.10	15:53:52.6	45.9153	21.4858	5.9	2.0	EQ	Romania
267.	2015.12.10	17:42:00.1	45.9400	21.4377	8.6	1.7	EQ	Romania
268.	2015.12.11	07:47:07.3	48.3731	17.3224	1.6	2.4	EQ	Slovakia
269.	2015.12.11	10:04:15.9	48.3924	17.2654	2.0	2.3	EQ	Slovakia
270.	2015.12.13	13:25:57.4	46.1451	16.4864	12.4	1.6	EQ	Croatia
271.	2015.12.13	13:27:12.3	46.1223	16.4449	7.5	1.8	EQ	Croatia
272.	2015.12.15	01:26:26.4	47.6436	17.9979	14.9	1.8	EQ	Bábolna
273.	2015.12.15	01:49:37.9	47.6127	18.0678	20.7	1.5	EQ	Nagyigmánd
274.	2015.12.15	17:55:31.7	47.6562	18.0282	9.7	2.4	EQ	Bábolna
275.	2015.12.16	12:19:04.1	48.1419	19.0354	10.0	1.4	EQ	Slovakia
276.	2015.12.17	09:34:08.2	46.0790	22.0608	10.3	1.9	EQ	Romania
277.	2015.12.17	10:20:50.3	48.5063	20.7834	2.1	1.8	EQ	Tornaszentandrás
278.	2015.12.17	10:50:27.6	48.0849	22.8574	15.2	2.5	EQ	Ukraine
279.	2015.12.18	09:18:17.3	48.6646	20.3497	14.8	1.8	EQ	Slovakia
280.	2015.12.20	20:10:31.9	45.8316	21.5826	7.3	1.5	EQ	Romania
281.	2015.12.22	07:53:18.0	48.6652	19.7085	16.6	1.9	EQ	Slovakia
282.	2015.12.23	09:50:29.3	48.5635	20.6902	10.2	2.0	EQ	Slovakia
283.	2015.12.23	21:22:36.6	47.6601	17.9870	10.3	3.1	EQ	Bábolna
284.	2015.12.24	14:09:14.3	48.7083	22.5489	8.3	2.7	EQ	Ukraine
285.	2015.12.28	21:01:33.4	47.3576	18.1357	3.4	1.4	EQ	Nagyveleg
286.	2015.12.31	02:32:09.0	48.6709	19.7077	15.6	2.1	EQ	Slovakia

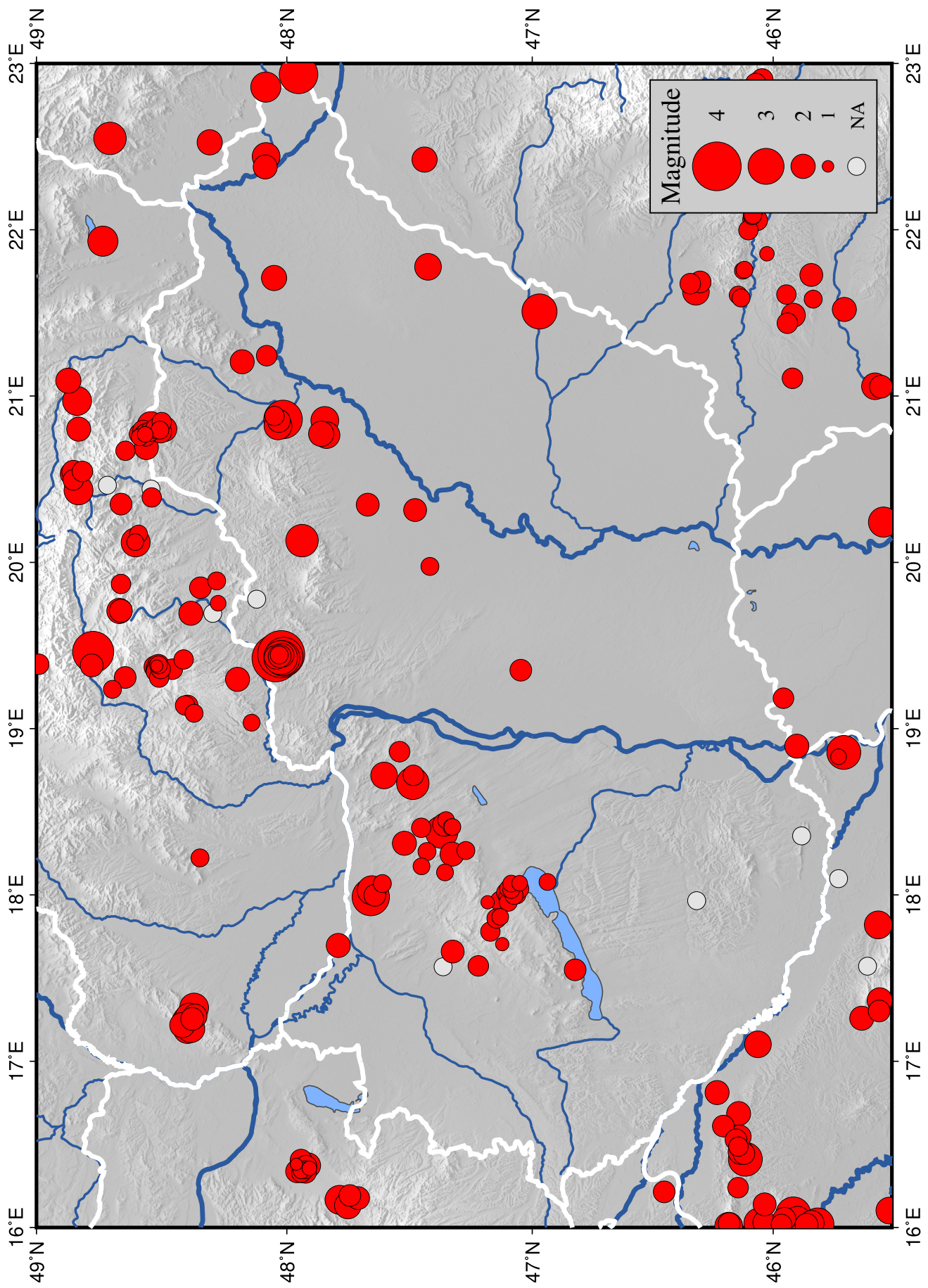


Figure 2.1: The epicenters of the located earthquakes in 2015. The events with unknown magnitudes are marked by gray circles.

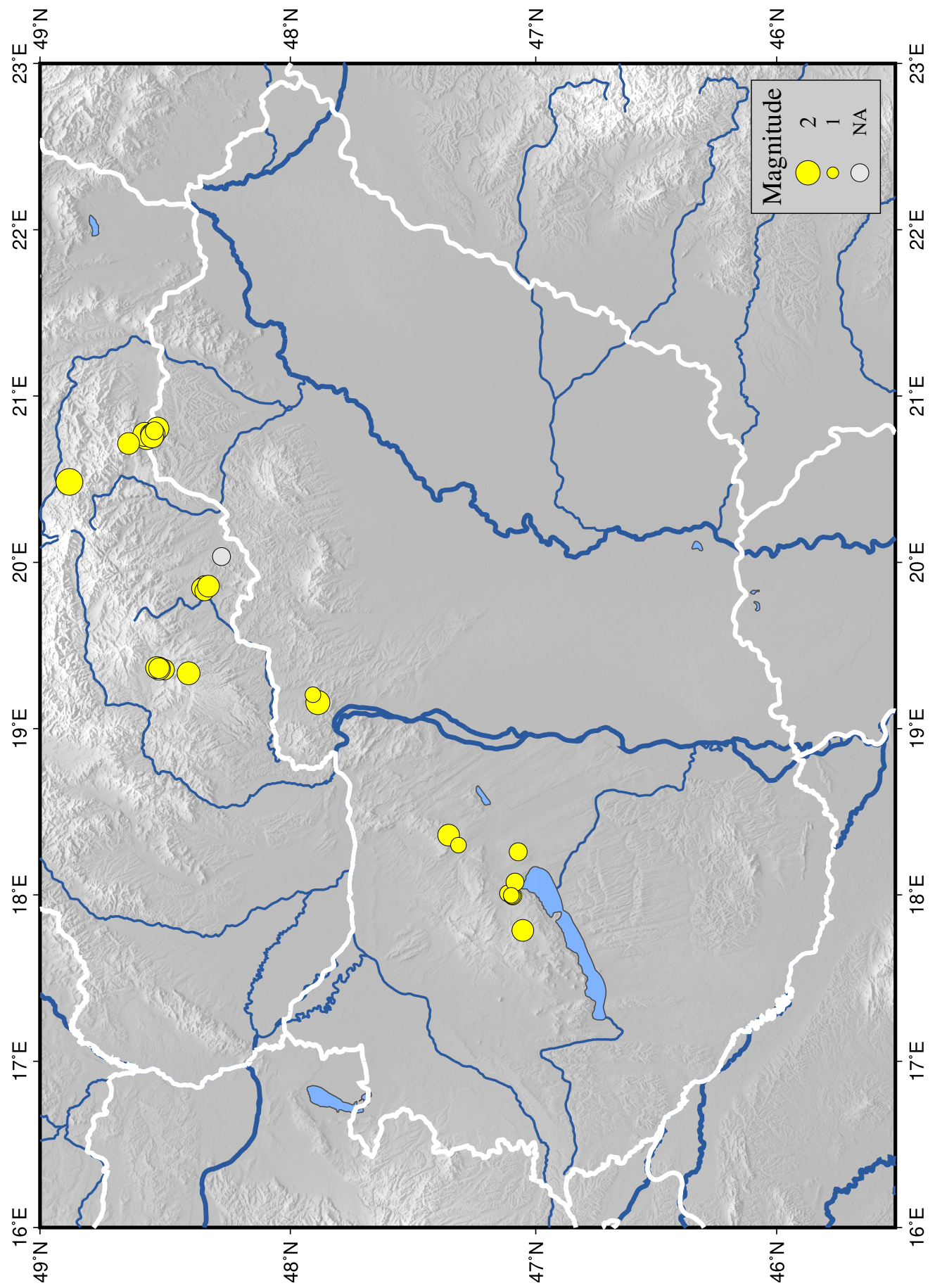


Figure 2.2: The epicenters of the located explosions and probable explosions in 2015. The events with unknown magnitudes are marked by gray circles.

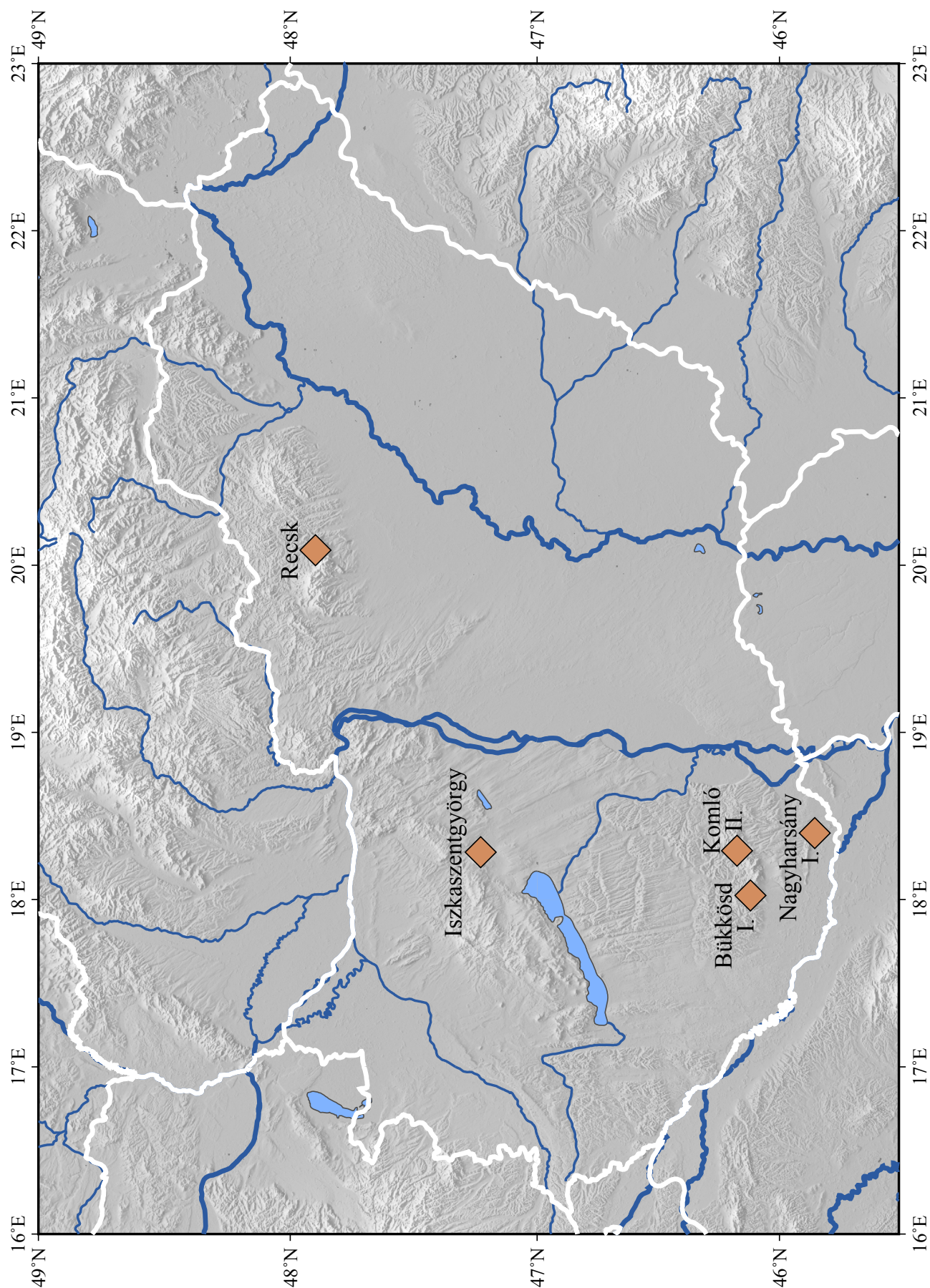


Figure 2.3: The location of the quarries with identified explosions (ground truth events).

3. Focal mechanisms

On January 1st, 2015 at 06:43:23 UTC an earthquake with a magnitude of $M_L=3.8$ occurred in the territory of Hungary, near to the village Iliny. We determined the focal mechanism of this event with a long-period regional waveform inversion method (Wéber 2006, 2016a,b).

For obtaining the synthetics, we used the velocity model of Gráczér and Wéber (2012). Before inversion, both the observed displacement waveforms and the Green's functions were band-pass filtered with a Butterworth filter with corner frequencies of 0.05 Hz and 0.125 Hz (periods between 8 and 20 seconds).

The result of the focal mechanism computation is shown in Tables 3.1-3.2 and Fig. 3.1.

On the same day, at 10:45:56 a similar sized earthquake of $M_L=3.9$ occurred near Iliny, however an ensuing event of $M_L=3.2$ at 10:46:37 made impossible to determine the focal mechanism of the earthquake by long-period waveform inversion. So we instead jointly inverted 17 P-wave polarity data and the short-period waveforms at the two nearest stations (PSZ and BUD) to obtain the double-couple mechanism of the event (Wéber, personal communications). The results are shown in Tables 3.1, 3.3 and Fig. 3.2.

Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	M_0 (Nm)	Mw	ϕ (°)	δ (°)	λ (°)
2015.01.01	06:43:23	48.034	19.443	4.0	$9.234 \cdot 10^{14}$	3.9	347	89	-171
2015.01.01	10:45:57	48.026	19.422	4.0	$7.766 \cdot 10^{14}$	3.9	349	88	174

Table 3.1: Focal parameters and focal mechanism of the earthquakes of 2015.01.01 06:43:23 UTC and 2015.01.01 10:45:57 UTC. M_0 - seismic moment, Mw - moment magnitude, ϕ - strike, δ - dip, λ - rake

Axis	Value (10^{14} Nm)	Azimuth (°)	Plunge (°)
T	7.431	122	5
N	-0.624	355	81
P	-9.234	213	7

Table 3.2: Principal axes belonging to the earthquake of 2015.01.01 06:43:23 UTC

Axis	Value (10^{14} Nm)	Azimuth (°)	Plunge (°)
T	7.766	304	6
N	0.0	152	84
P	-7.766	34	3

Table 3.3: Principal axes belonging to the earthquake of 2015.01.01 10:45:57 UTC

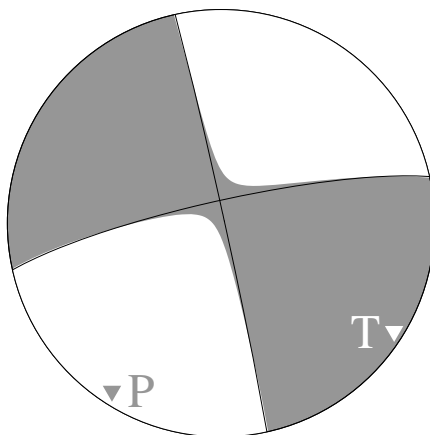


Figure 3.1:

Focal mechanism of the earthquake of 2015.01.01 06:43:23 UTC. The inverted triangles show the position of T and P axes.

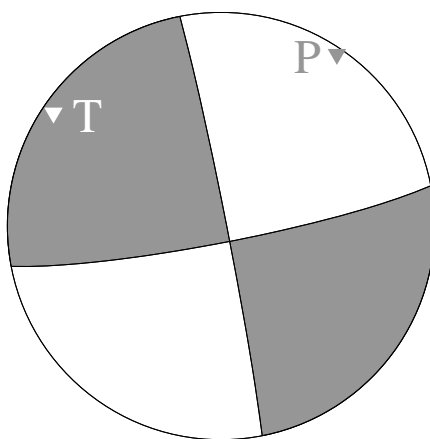


Figure 3.2:

Focal mechanism of the earthquake of 2015.01.01 10:45:57 UTC. The inverted triangles show the position of T and P axes.

4. Macroseismic data

During the year 2015 fourteen earthquakes have been felt by the public in the territory of Hungary (Table 4.1). After the earthquakes macroseismic questionnaires have been sent to the affected settlements, while surveys were also conducted on the website of the KRSZO. In this Chapter the results of European Macroseismic Scale (Grünthal, 1998) based intensity estimations are presented.

In Tables 4.2-4.14 the name of settlements, their coordinates, the estimated EMS intensity values and the number of reports (N) can be seen. Figures 3.1-3.13 show the spatial distribution of the intensity values

It must be noted that two felt, $ML > 3$ earthquakes occurred consecutively on January 1st, 2015 near the settlement Iliny. The difference of their origin times was only 41 s. The observers couldn't separate clearly the two earthquakes. The effects of the first, stronger event dominated the observations, therefore intensity estimation for the latter event was not possible.

Date	Time	Lat. (°N)	Lon. (°N)	Depth (km)	Magn. (ML)	Max. intensity (EMS)
2015.01.01	06:43:23.5	48.0456	19.4227	5.7	3.9	V
2015.01.01	10:27:44.1	48.0195	19.4411	6.9	2.0	III-IV
2015.01.01	10:45:56.9	48.0225	19.4477	5.6	3.9	V
2015.01.01	14:22:09.2	48.0183	19.4239	7.2	2.9	IV-V
2015.01.01	19:44:35.8	48.0248	19.4267	4.5	2.8	IV-V
2015.01.07	13:48:53.7	48.0417	19.4297	7.3	2.0	IV
2015.03.29	15:39:16.6	48.0152	20.8586	3.3	3.2	V
2015.04.01	00:34:33.5	48.0321	20.8499	3.8	1.9	III-IV
2015.07.19	09:27:16.4	46.9704	21.5086	6.1	2.9	III
2015.08.05	12:17:16.8	47.9382	20.1303	9.0	2.7	IV
2015.11.19	15:39:35.3	47.4892	18.6710	10.4	2.7	III-IV
2015.12.15	17:55:31.7	47.6562	18.0282	9.7	2.4	V
2015.12.23	21:22:36.6	47.6601	17.9870	10.3	3.1	V

Table 4.1: Parameters of the Hungarian earthquakes felt by the public

2015.01.01 06:43 – Csitár

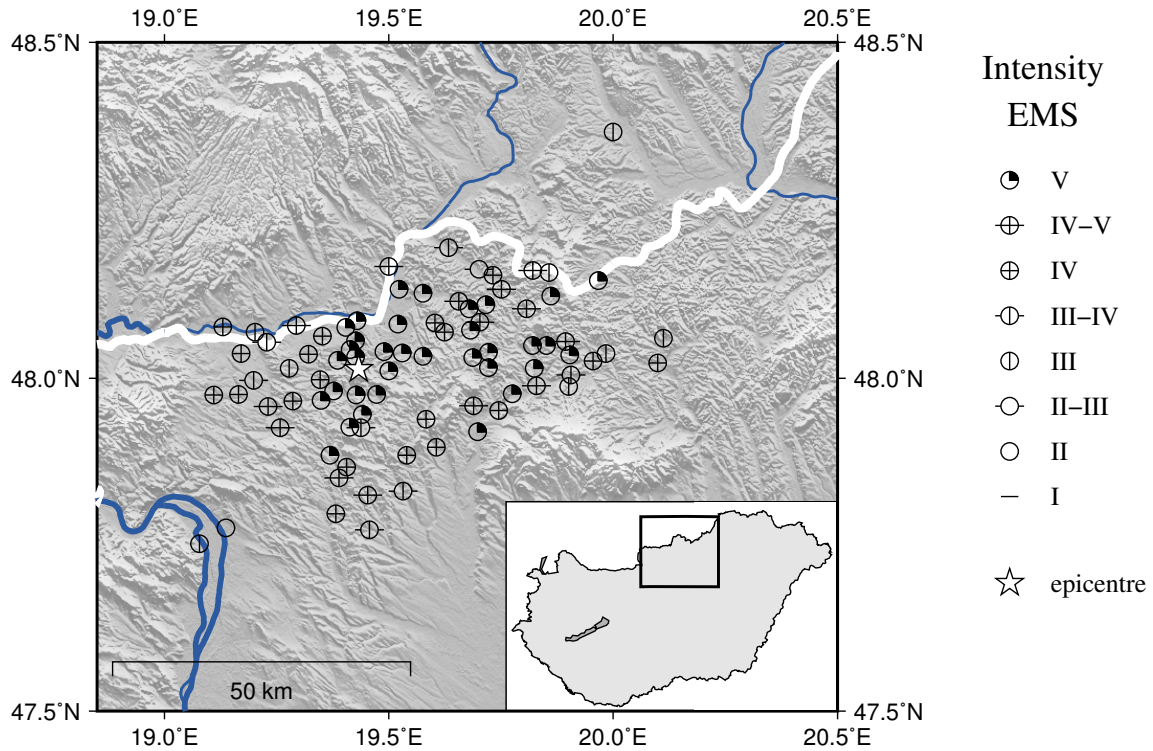


Figure 4.1:

EMS intensity distribution for the earthquake of 2015.01.01 06:43 UTC

Table 4.2: Felt EMS intensities for the earthquake of 2015.01.01 06:43 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Acsa	47.797	19.382	IV	2
Balassagyarmat	48.079	19.294	IV-V	30
Bátonyterenye	47.989	19.829	IV-V	30
Bátonyterenye-Kisterenye	48.015	19.824	V	7
Bercel	47.867	19.406	IV	1
Borsosberény	47.975	19.110	IV	1
Buják	47.885	19.540	IV	4
Bussa (Bušince, SK)	48.167	19.500	IV-V	1
Cered	48.146	19.967	V	4
Cserháthaláp	47.981	19.377	V	2
Cserhátsurány	47.975	19.427	V	3
Cserhátszentiván	47.939	19.583	IV	1
Csesztve	48.015	19.278	III	2
Csitár	48.056	19.426	V	3
Dejtár	48.037	19.171	IV	3
Dorogháza	47.988	19.901	III	1
Ecseg	47.897	19.606	IV	4
Endrefalva	48.127	19.576	V	1
Erdőkürt	47.773	19.457	III-IV	1
Salgótarján-Eresztvény	48.158	19.857	III	1
Érsekvadkert	47.997	19.199	III-IV	2
Etes	48.110	19.716	V	5

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Galgaguta	47.851	19.389	IV-V	3
Herencsény	47.976	19.473	V	11
Hugyag	48.086	19.429	V	1
Iliny	48.032	19.426	V	2
Ipolybalog (Balog nad Ipl'om, SK)	48.077	19.130	IV	1
Ipolyszög	48.054	19.228	III-IV	1
Karancsalja	48.133	19.751	IV-V	10
Karancskeszzi	48.163	19.701	II-III	1
Karancslapujtó	48.154	19.732	IV	1
Karancsság	48.115	19.656	IV-V	1
Kazár	48.049	19.851	V	3
Kishartyán	48.084	19.703	IV-V	3
Lucfalva	48.031	19.687	V	3
Ludányhalászi	48.133	19.523	V	6
Magyargéc	48.083	19.603	IV	2
Magyarnándor	47.967	19.349	V	9
Márkháza	48.016	19.722	V	1
Mátranovák	48.037	19.984	III	1
Mátraszele	48.055	19.894	IV-V	5
Mátraszőlős	47.959	19.689	IV-V	3
Mátraterenye	48.026	19.955	IV	3
Mátraverebély	47.977	19.775	V	4
Mihálygerge	48.195	19.633	III-IV	1
Mizserfa	48.035	19.903	V	1
Mohora	47.998	19.347	IV	2
Nagycsalomja (Veľká Čalomija, SK)	48.069	19.202	III	1
Nagykeresztúr	48.039	19.722	V	2
Nagylóc	48.033	19.576	V	2
Nemti	48.005	19.906	III-IV	1
Nógrádgárdony	48.043	19.414	V	1
Nógrádkövesd	47.885	19.369	V	1
Nógrádmarcál	48.027	19.386	V	5
Nógrádmegyer	48.069	19.624	IV	1
Nógrádsipek	48.011	19.500	V	5
Órhalom	48.076	19.404	V	7
Pásztó	47.920	19.698	V	13
Patvarc	48.063	19.352	IV	3
Pétervására	48.023	20.099	IV	4
Pusztaberki	47.976	19.165	IV	1
Rimaszombat (Rimavská Sobota, SK)	48.367	20.000	III	1
Rimóc	48.038	19.530	V	7
Romhány	47.926	19.258	IV-V	1
Ságújfalu	48.104	19.679	V	6
Salgótarján	48.104	19.807	IV-V	78
Somoskőújfalu	48.161	19.821	IV-V	2
Sóshartyán	48.072	19.682	V	2
Szanda	47.926	19.438	III-IV	2
Szandaváralja	47.927	19.413	V	3
Szátok	47.958	19.231	IV-V	1
Szécsény	48.081	19.520	V	32
Szente	47.966	19.286	IV	1
Szirák	47.831	19.532	III-IV	1

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Szügy	48.036	19.321	IV	3
Tahitótfalu	47.752	19.078	III	1
Tar	47.952	19.745	IV	3
Terény	47.946	19.441	V	2
Vác	47.776	19.137	II	1
Vanyarc	47.825	19.453	IV-V	1
Váraszó	48.060	20.112	III	1
Varsány	48.040	19.489	V	4
Vizslás	48.049	19.820	V	10
Zagyvaróna	48.123	19.861	V	1

2015.01.01 10:27 – Iliny

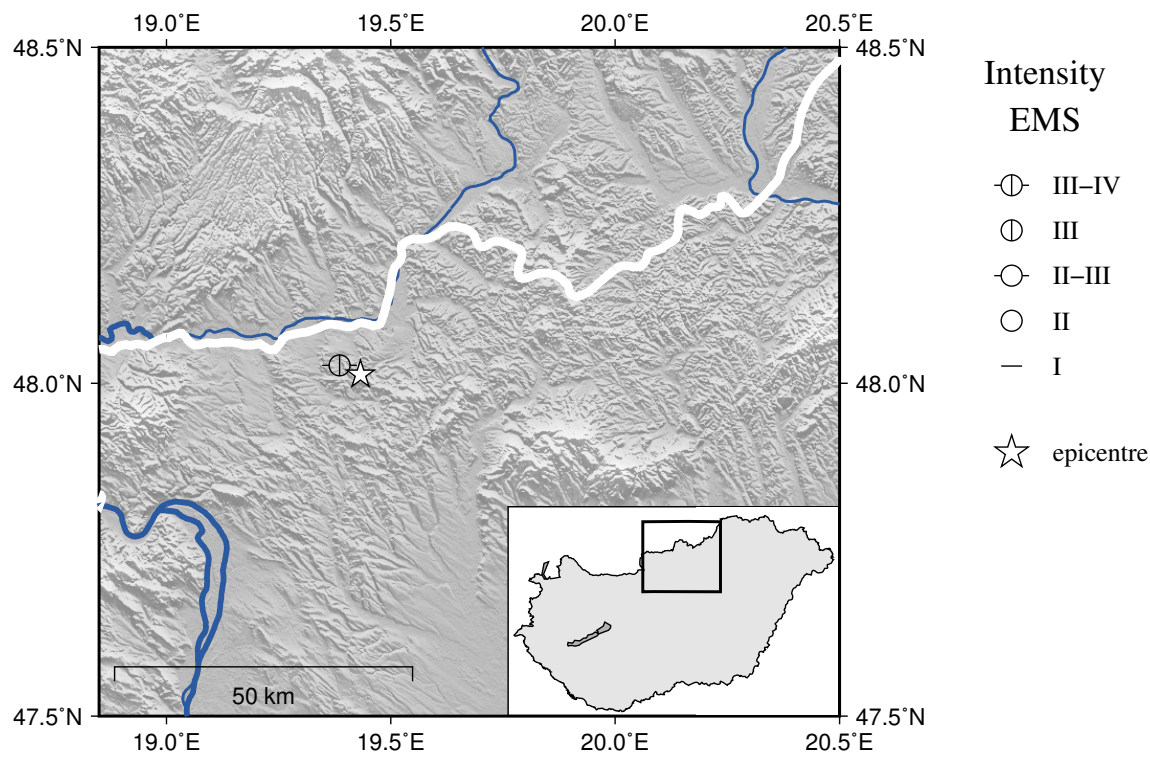


Figure 4.2:
EMS intensity distribution for the earthquake of 2015.01.01 10:27 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Nógrádmarcal	48.027	19.386	III-IV	1

Table 4.3:
Felt EMS intensities for the earthquake of 2015.01.01 10:27 UTC

2015.01.01 10:45 – Iliny

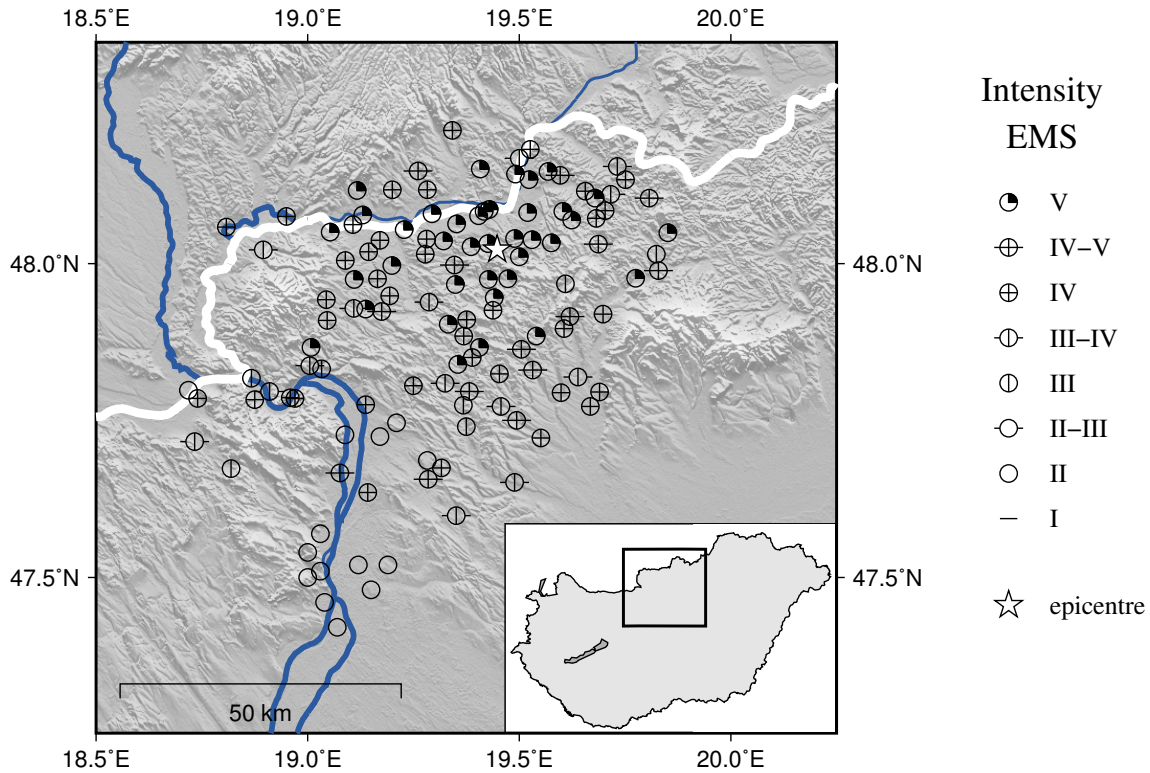


Figure 4.3:

EMS intensity distribution for the earthquake of 2015.01.01 10:45 UTC

Table 4.4: Felt EMS intensities for the earthquake of 2015.01.01 10:45 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Acsa	47.797	19.382	IV-V	2
Apátújfalú (Opatovská Nová Ves, SK)	48.117	19.283	IV	2
Apc	47.796	19.690	IV	1
Aszód	47.652	19.489	III-IV	1
Balassagyarmat	48.079	19.294	V	52
Bánk	47.924	19.175	IV-V	3
Bátonyterenye	47.989	19.829	IV-V	3
Bátonyterenye-Kisterenye	48.015	19.824	III	1
Becske	47.911	19.376	IV	1
Bér	47.864	19.505	IV-V	1
Bercel	47.867	19.406	V	7
Borsosberény	47.975	19.110	V	2
Budapest I	47.510	19.030	II	1
Budapest II	47.540	19.000	II	1
Budapest III	47.570	19.030	II	1
Budapest X	47.480	19.150	II	1
Budapest XI	47.460	19.040	II	3
Budapest XII	47.500	19.000	II	1
Budapest XIV	47.520	19.120	II	1
Budapest XVI	47.520	19.190	II	1
Budapest XXI	47.420	19.070	II	1
Buják	47.885	19.540	V	6

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Bussa (Bušince, SK)	48.167	19.500	III-IV	1
Csalár (Čeláre, SK)	48.142	19.491	V	1
Cserhátsurány	47.975	19.427	V	2
Csesztve	48.015	19.278	IV	2
Csővár	47.810	19.325	III-IV	1
Dejtár	48.037	19.171	IV	2
Diósjenő	47.943	19.044	IV	3
Dorog	47.717	18.733	III-IV	1
Drégelypalánk	48.050	19.053	V	2
Dunakeszi	47.636	19.142	IV	1
Ecseg	47.897	19.606	IV	3
Erdőkertes	47.675	19.316	IV	1
Erdőkürt	47.773	19.457	III-IV	2
Érsekvadkert	47.997	19.199	V	5
Esztergom	47.786	18.740	IV	14
Etes	48.110	19.716	III-IV	1
Felsőtold	47.968	19.609	III	1
Galgaguta	47.851	19.389	IV	2
Galgagyörk	47.741	19.375	III	2
Gödöllő	47.599	19.351	III-IV	2
Herencsény	47.976	19.473	V	1
Hugyag	48.086	19.429	V	1
Iliny	48.032	19.426	V	1
Ipolybalog (Balog nad Ipl'om, SK)	48.077	19.130	V	1
Ipolynyék (Vinica, SK)	48.116	19.117	V	3
Ipolyság (Šahy, SK)	48.075	18.950	IV	5
Ipolyszög	48.054	19.228	V	2
Ipolyvarbó (Vrbovka, SK)	48.083	19.417	V	1
Ipolyvece	48.062	19.107	IV	3
Kálló	47.751	19.494	IV-V	1
Karancsalja	48.133	19.751	IV	2
Karancslapujtó	48.154	19.732	III-IV	1
Karancsság	48.115	19.656	IV	1
Kazár	48.049	19.851	V	3
Kemence	48.022	18.895	III-IV	1
Kétfodony	47.939	19.287	III-IV	1
Kincsempusza	48.039	19.281	IV	1
Kishartyán	48.084	19.703	IV	2
Kismaros	47.838	19.005	III-IV	1
Kozárd	47.916	19.620	IV-V	1
Leányfalu	47.728	19.088	II	1
Lucfalva	48.031	19.687	IV-V	1
Ludányhalászi	48.133	19.523	V	2
Lukanénye (Nenince, SK)	48.147	19.261	IV-V	3
Magyargéc	48.083	19.603	V	1
Magyarnándor	47.967	19.349	V	2
Mátraverebély	47.977	19.775	V	2
Mohora	47.998	19.347	IV-V	2
Nagykürtös (Velký Krtíš, SK)	48.211	19.342	IV	1
Nagylóc	48.033	19.576	V	4
Nagymaros	47.787	18.959	IV	2
Nagyoroszi	48.005	19.089	IV	2

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Nógrád	47.910	19.046	IV	6
Nógrádkövesd	47.885	19.369	IV	3
Nógrádmарcal	48.027	19.386	V	4
Nógrádmegyer	48.069	19.624	V	2
Nógrádsáp	47.840	19.355	V	2
Nógrádsipek	48.011	19.500	V	1
Nógrádszakál	48.181	19.526	IV	1
Órbottyán	47.687	19.283	II	1
Órhalom	48.076	19.404	V	10
Óvár (Olováry, SK)	48.150	19.408	V	1
Palotás	47.795	19.599	IV	3
Párkány (Štúrovo, SK)	47.799	18.718	II	2
Pásztó	47.920	19.698	IV	4
Patak	48.019	19.144	IV	3
Patvarc	48.063	19.352	V	6
Penc	47.806	19.250	IV	1
Piliny	48.140	19.597	IV-V	1
Piliscsév	47.674	18.819	III	1
Pilismarót	47.784	18.875	IV	1
Püspökhátvan	47.775	19.368	III	1
Pusztaberki	47.976	19.165	IV	2
Rétság	47.928	19.137	V	5
Rimóc	48.038	19.530	V	6
Ságújfalu	48.104	19.679	V	4
Salgótarján	48.104	19.807	IV-V	18
Sóshartyán	48.072	19.682	IV	1
Szanda	47.926	19.438	IV	3
Szarvasgede	47.820	19.639	III-IV	1
Szécsénke	47.904	19.332	V	1
Szécsény	48.081	19.520	V	14
Szécsényfelfalu	48.146	19.568	V	2
Szentendre	47.667	19.076	IV-V	2
Szete (Kubáňovo, SK)	48.058	18.808	IV	1
Szirák	47.831	19.532	IV-V	5
Szob	47.818	18.867	III	1
Sződ	47.725	19.171	II	1
Szokolya	47.867	19.008	V	1
Szügy	48.036	19.321	V	4
Terbegec (Trebušovce, SK)	48.117	19.200	IV	1
Terény	47.946	19.441	V	3
Tereske	47.949	19.194	IV	1
Tolmács	47.929	19.109	III-IV	1
Vác	47.776	19.137	IV	31
Vácduka	47.747	19.210	II	1
Vanyarc	47.825	19.453	IV	4
Varsány	48.040	19.489	V	3
Veresegyház	47.657	19.285	IV-V	2
Verőce	47.833	19.033	III	2
Verseg	47.723	19.551	IV	1
Visegrád	47.786	18.970	IV	1
Zagyvaszántó	47.773	19.668	IV	1
Zebegény	47.797	18.910	III-IV	1

2015.01.01 14:22 – Iliny

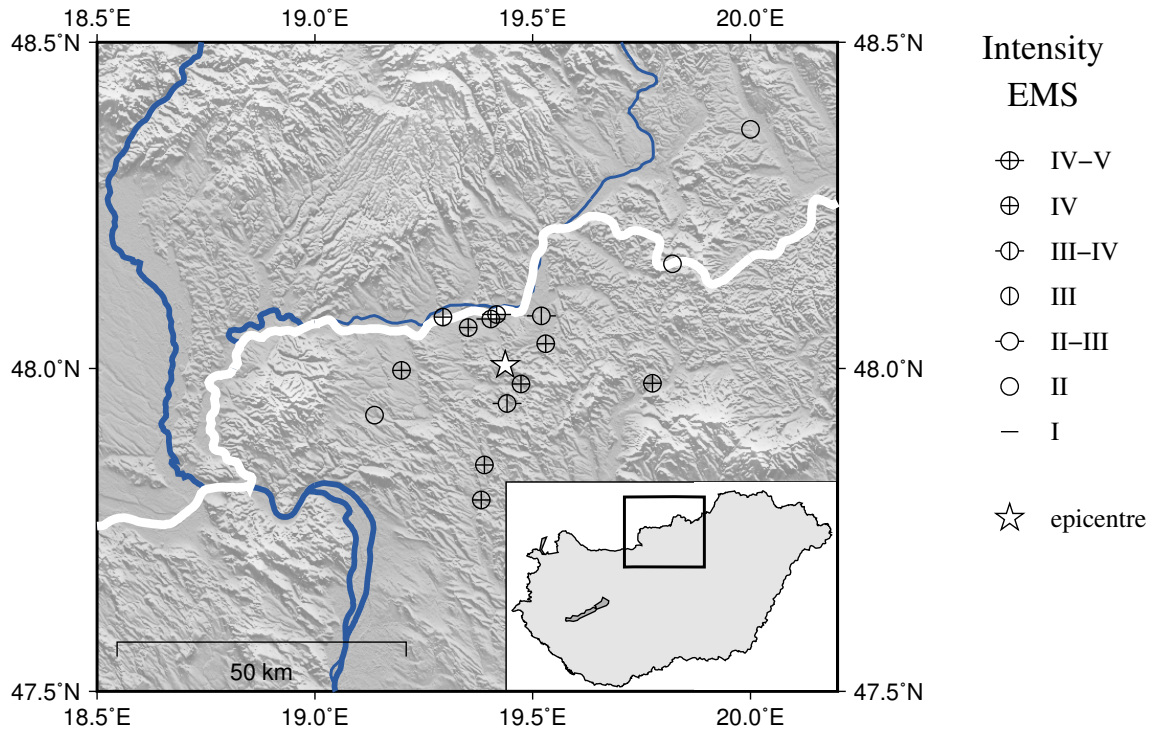


Figure 4.4:

EMS intensity distribution for the earthquake of 2015.01.01 14:22 UTC

Table 4.5: Felt EMS intensities for the earthquake of 2015.01.01 14:22 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Acsa	47.797	19.382	IV	1
Balassagyarmat	48.079	19.294	IV	8
Érsekvadkert	47.997	19.199	IV	1
Galgaguta	47.851	19.389	IV	1
Herencsény	47.976	19.473	IV	1
Ipolyvarbó (Vrbovka, SK)	48.083	19.417	IV-V	1
Mátraverebély	47.977	19.775	IV	1
Órhalom	48.076	19.404	IV-V	3
Patvarc	48.063	19.352	IV	1
Rétság	47.928	19.137	II	1
Rimaszombat (Rimavská Sobota, SK)	48.367	20.000	II	1
Rimóc	48.038	19.530	IV	2
Somoskőújfalu	48.161	19.821	II	1
Szécsény	48.081	19.520	III-IV	1
Terény	47.946	19.441	III-IV	1

2015.01.01 19:44 – Iliny

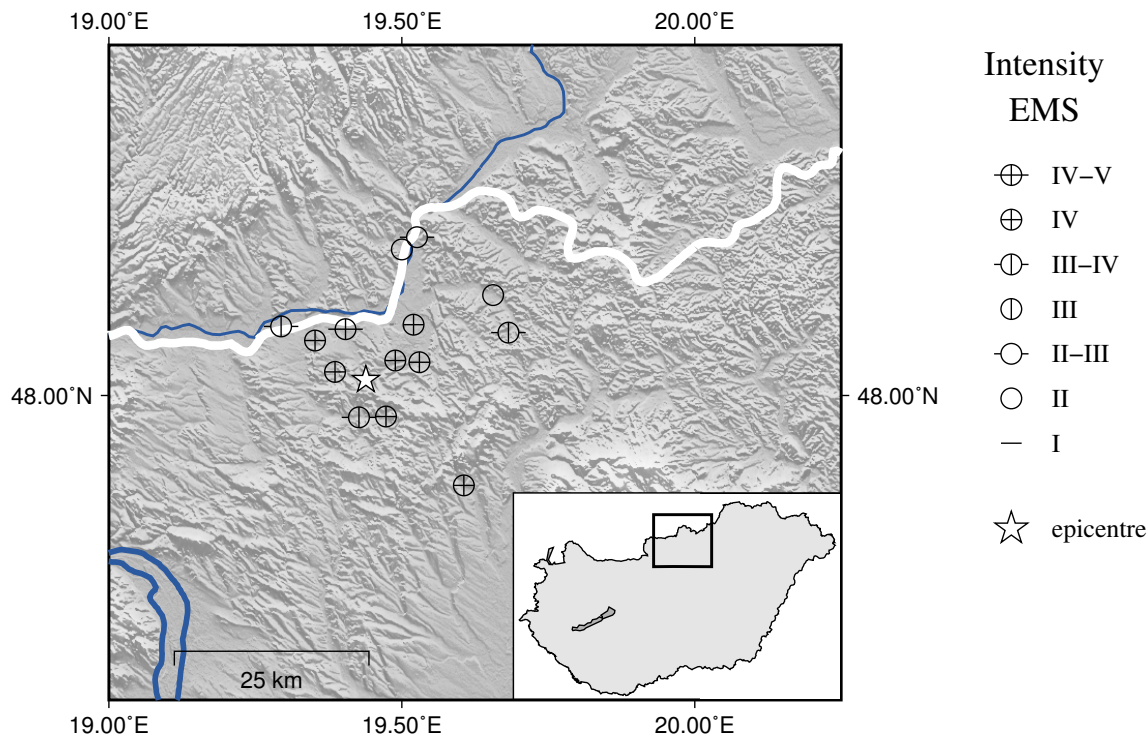


Figure 4.5:
EMS intensity distribution for the earthquake of 2015.01.01 19:44 UTC

Table 4.6: Felt EMS intensities for the earthquake of 2015.01.01 19:44 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Balassagyarmat	48.079	19.294	III-IV	3
Bussa (Bušince, SK)	48.167	19.500	II	1
Cserhátsurány	47.975	19.427	III-IV	1
Ecseg	47.897	19.606	IV	1
Herencsény	47.976	19.473	IV	1
Karancsság	48.115	19.656	II	1
Nógrádmарcal	48.027	19.386	IV	1
Nógrádszakál	48.181	19.526	II-III	1
Órhalom	48.076	19.404	IV-V	4
Patvarc	48.063	19.352	IV	1
Rimóc	48.038	19.530	IV	1
Sóshartyán	48.072	19.682	III-IV	1
Szécsény	48.081	19.520	IV	3
Varsány	48.040	19.489	IV	2

2015.01.07 13:48 – Iliny

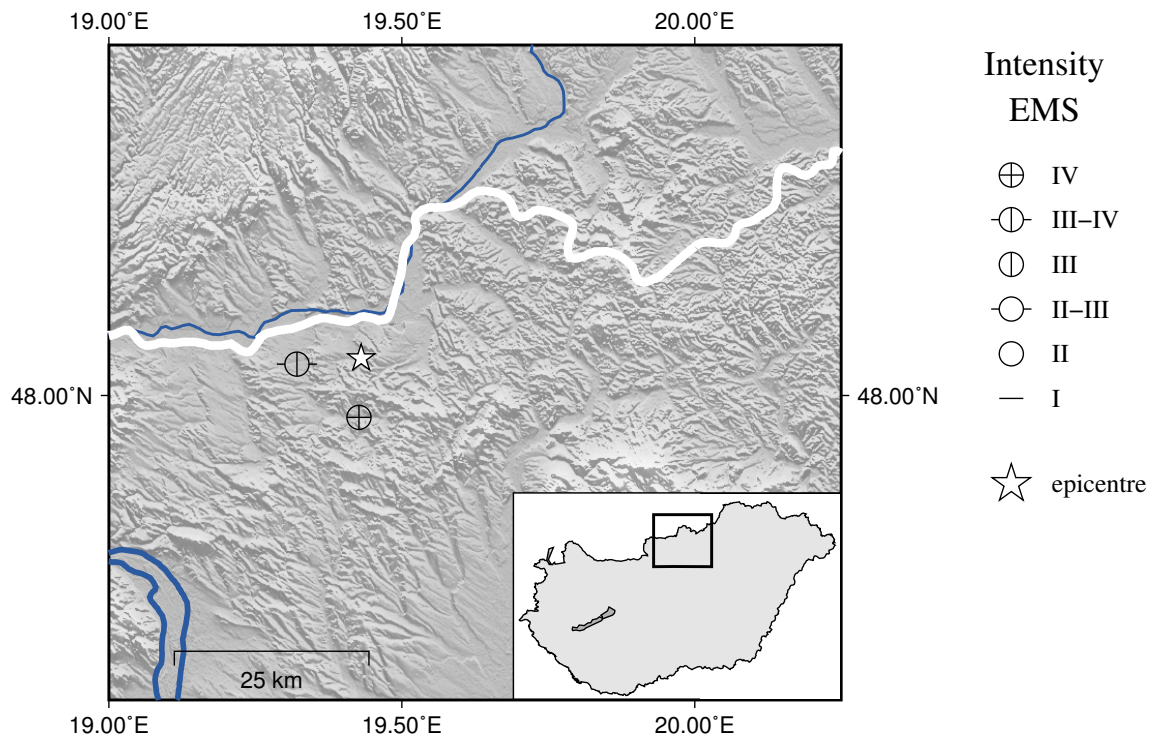


Figure 4.6:

EMS intensity distribution for the earthquake of 2015.01.07 13:48 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Cserhátsurány	47.975	19.427	IV	1
Szügy	48.036	19.321	III-IV	1

Table 4.7:

Felt EMS intensities for the earthquake of 2015.01.07 13:48 UTC

2015.03.29 15:39 – Mályi

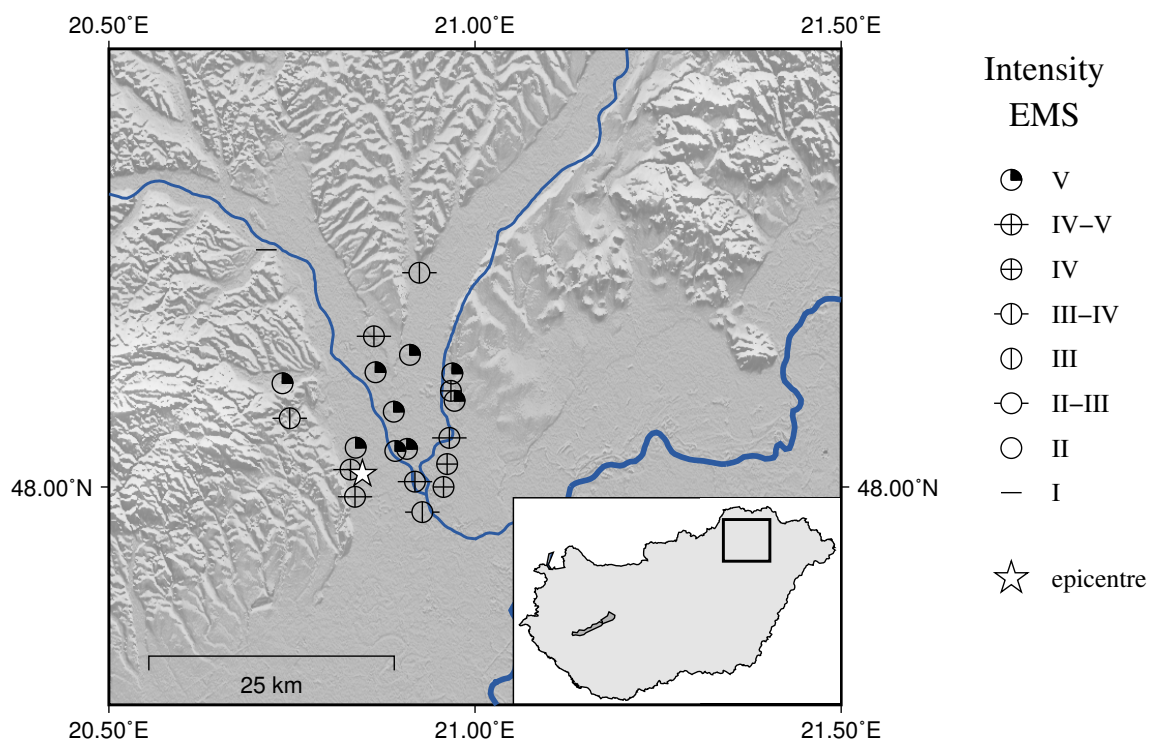


Figure 4.7:

EMS intensity distribution for the earthquake of 2015.03.29 15:39 UTC

Table 4.8: Felt EMS intensities for the earthquake of 2015.03.29 15:39 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Alsózsolca	48.069	20.889	V	11
Arnót	48.138	20.862	IV-V	5
Berzék	48.021	20.962	IV	3
Bócs	48.045	20.965	IV-V	5
Felsőzsolca	48.105	20.864	V	18
Gesztely	48.104	20.969	V	7
Hernádkak	48.088	20.967	IV	6
Hernádnémeti	48.079	20.972	V	6
Kistokaj	48.036	20.837	V	10
Mályi	48.016	20.830	IV-V	12
Miskolc	48.095	20.737	V	82
Miskolctapolca	48.063	20.747	III-IV	1
Muhi	47.977	20.928	III-IV	1
Nyékládháza	47.991	20.836	IV-V	7
Onga	48.121	20.911	V	9
Ónod	48.005	20.918	IV-V	6
Sajóhidvég	48.000	20.957	IV	1
Sajólád	48.035	20.907	V	34
Sajópetri	48.033	20.891	V	3
Sajószentpéter	48.217	20.715	I	1
Szikszo	48.196	20.924	III-IV	1

2015.04.01 00:34 – Kistokaj

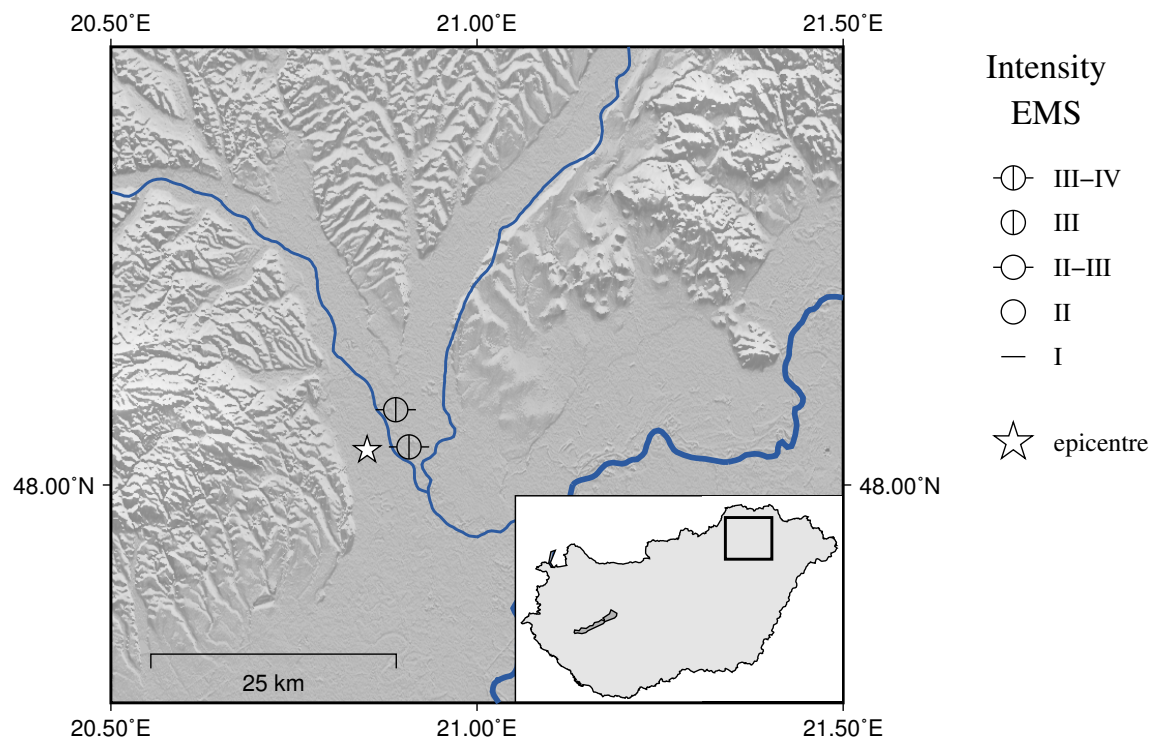


Figure 4.8:
EMS intensity distribution for the earthquake of 2015.04.01 00:34 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Alsózsolca	48.069	20.889	III-IV	1
Sajólad	48.035	20.907	III-IV	1

Table 4.9:
Felt EMS intensities for the earthquake of 2015.04.01 00:34 UTC

2015.07.19 09:27 – Komádi

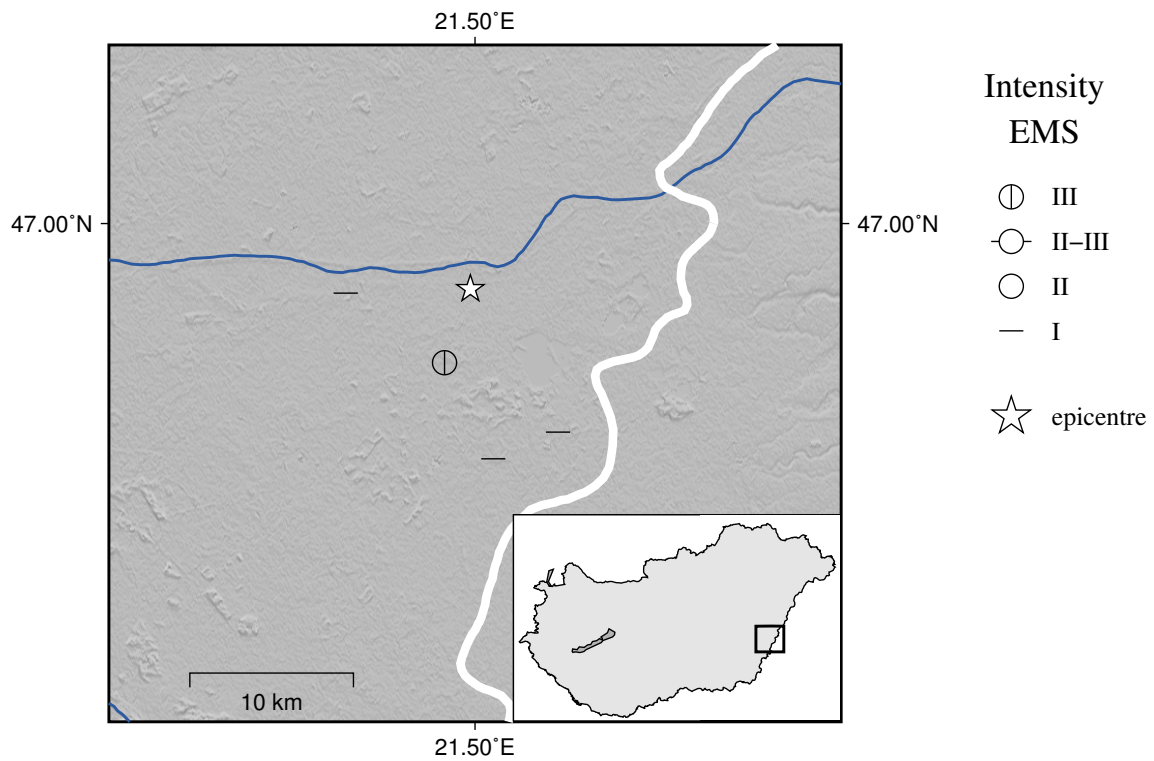


Figure 4.9:

EMS intensity distribution for the earthquake of 2015.07.19 09:27 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Geszt	46.883	21.568	I	1
Kőrösújfalú	46.961	21.394	I	1
Mezőgyán	46.868	21.515	I	1
Zsadány	46.922	21.475	III	1

Table 4.10:

Felt EMS intensities for the earthquake of 2015.07.19 09:27 UTC

2015.08.05 12:17 – Recsk

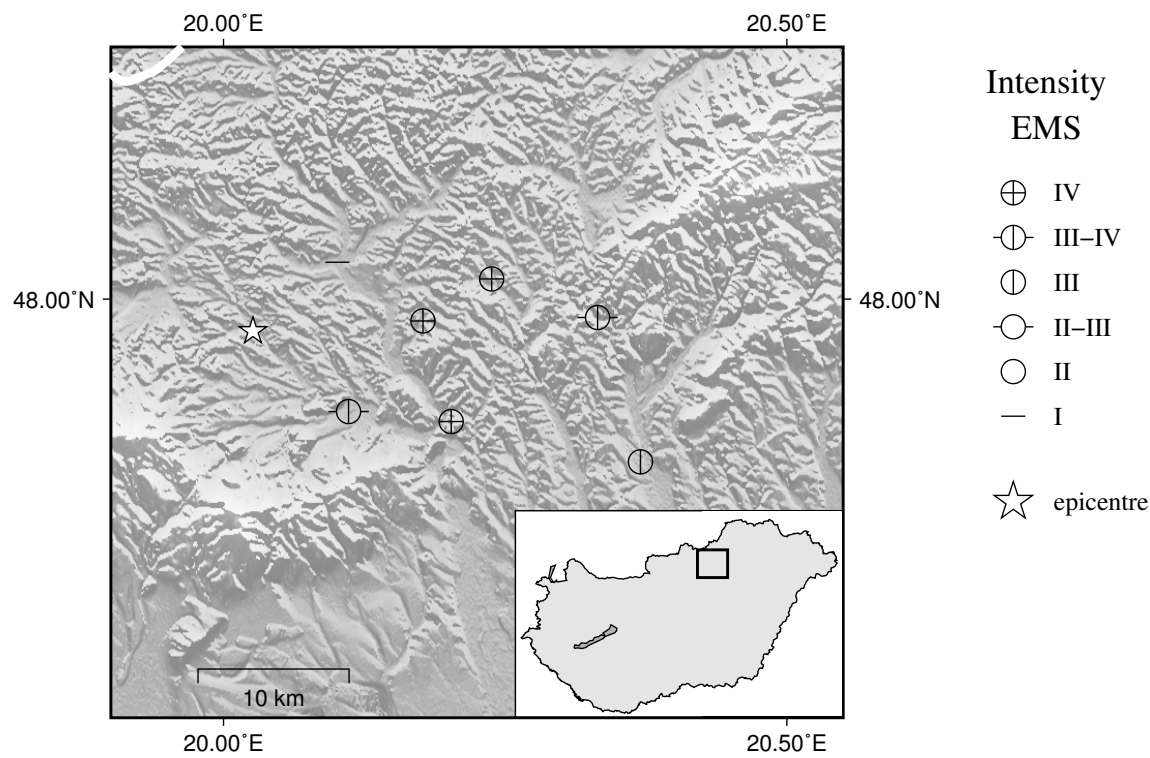


Figure 4.10:
EMS intensity distribution for the earthquake of 2015.08.05 12:17 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Bükkszék	47.987	20.177	IV	1
Eger	47.903	20.370	III	1
Hevesaranyos	48.012	20.238	IV	1
Pétervására	48.022	20.101	I	1
Recsk	47.933	20.111	III-IV	1
Sirok	47.927	20.202	IV	1
Szarvaskő	47.989	20.332	III-IV	1

Table 4.11:
Felt EMS intensities for the earthquake of 2015.08.05 12:17 UTC

2015.11.19 15:39 – Bicske

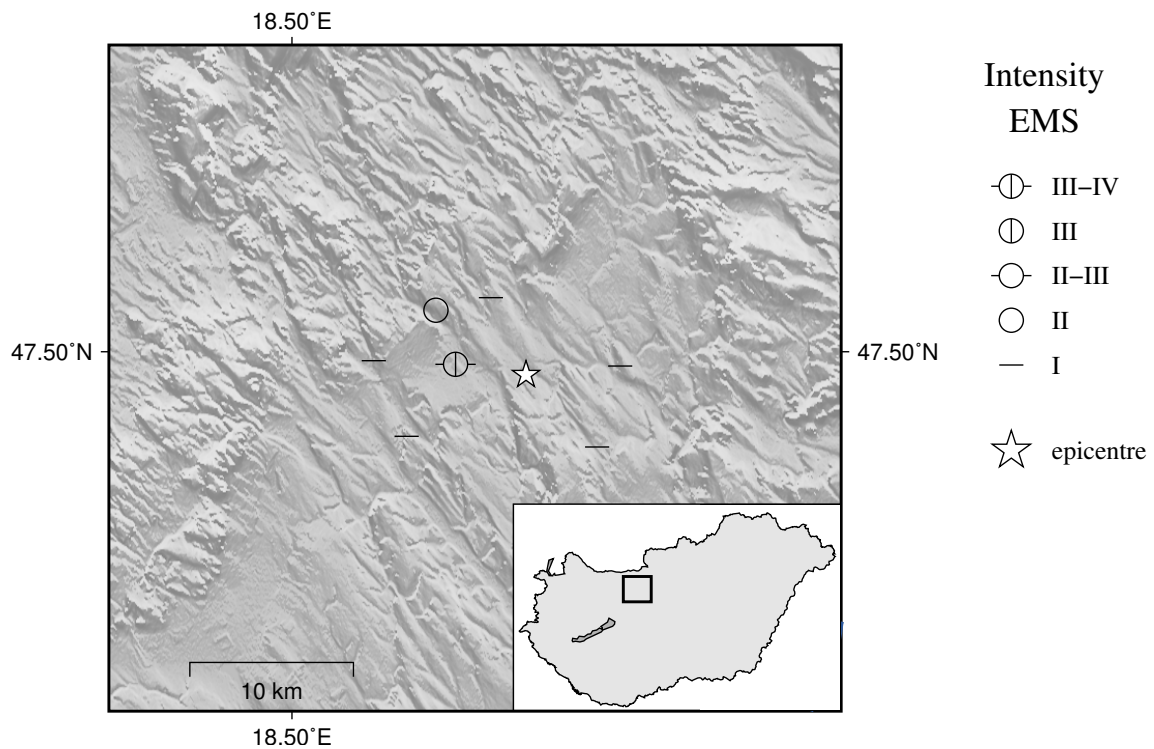


Figure 4.11:

EMS intensity distribution for the earthquake of 2015.11.19 15:39 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Bicske	47.493	18.634	III-IV	1
Csabdi	47.523	18.618	II	1
Etyek	47.447	18.750	I	1
Felcsút	47.453	18.594	I	1
Herceghalom	47.492	18.769	I	1
Mány	47.530	18.663	I	1
Óbarok	47.495	18.567	I	1

Table 4.12:

Felt EMS intensities for the earthquake of 2015.11.19 15:39 UTC

2015.12.15 17:55 – Bábolna

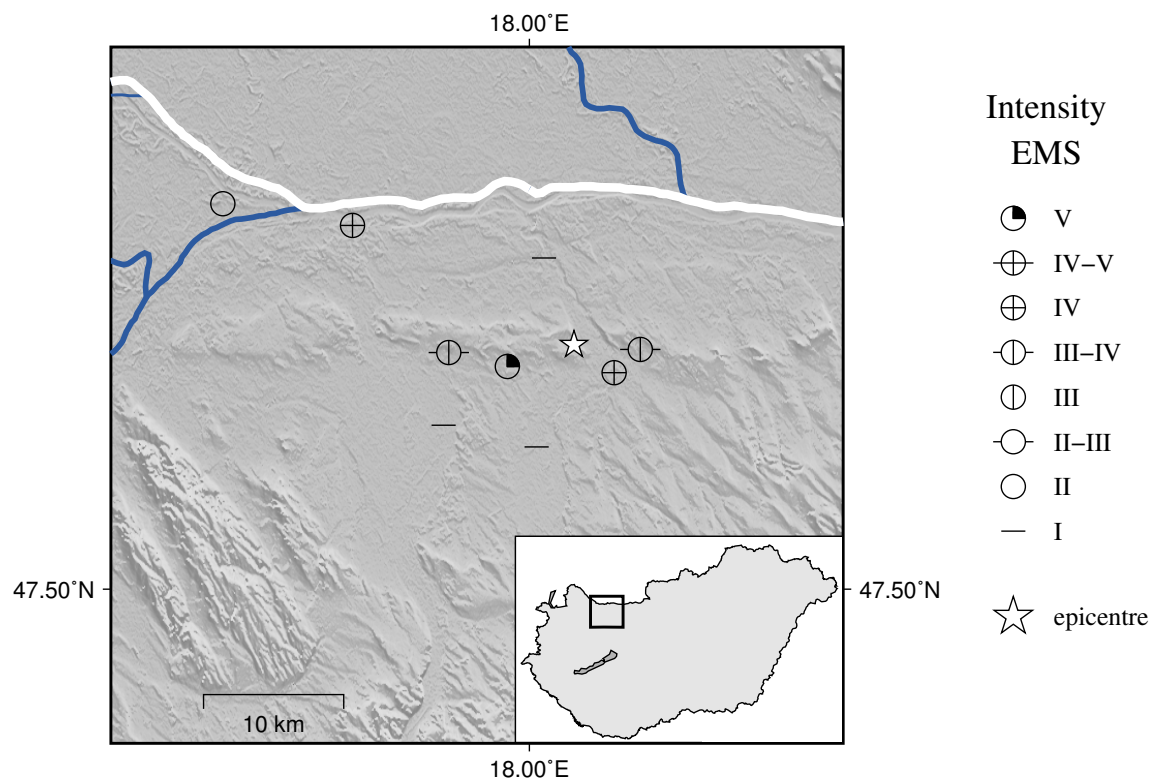


Figure 4.12:
EMS intensity distribution for the earthquake of 2015.12.15 17:55 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Ács	47.714	18.014	I	1
Bana	47.653	17.923	III-IV	2
Bábolna	47.644	17.979	V	38
Gönyű	47.735	17.831	IV	1
Kisigmánd	47.655	18.106	III-IV	1
Nagyigmánd	47.640	18.081	IV	6
Rétalap	47.606	17.918	I	1
Tárkány	47.592	18.007	I	1
Szógye	47.749	17.707	II	1

Table 4.13:
Felt EMS intensities for the earthquake of 2015.12.15 17:55 UTC

2015.12.23 21:22 – Bábolna

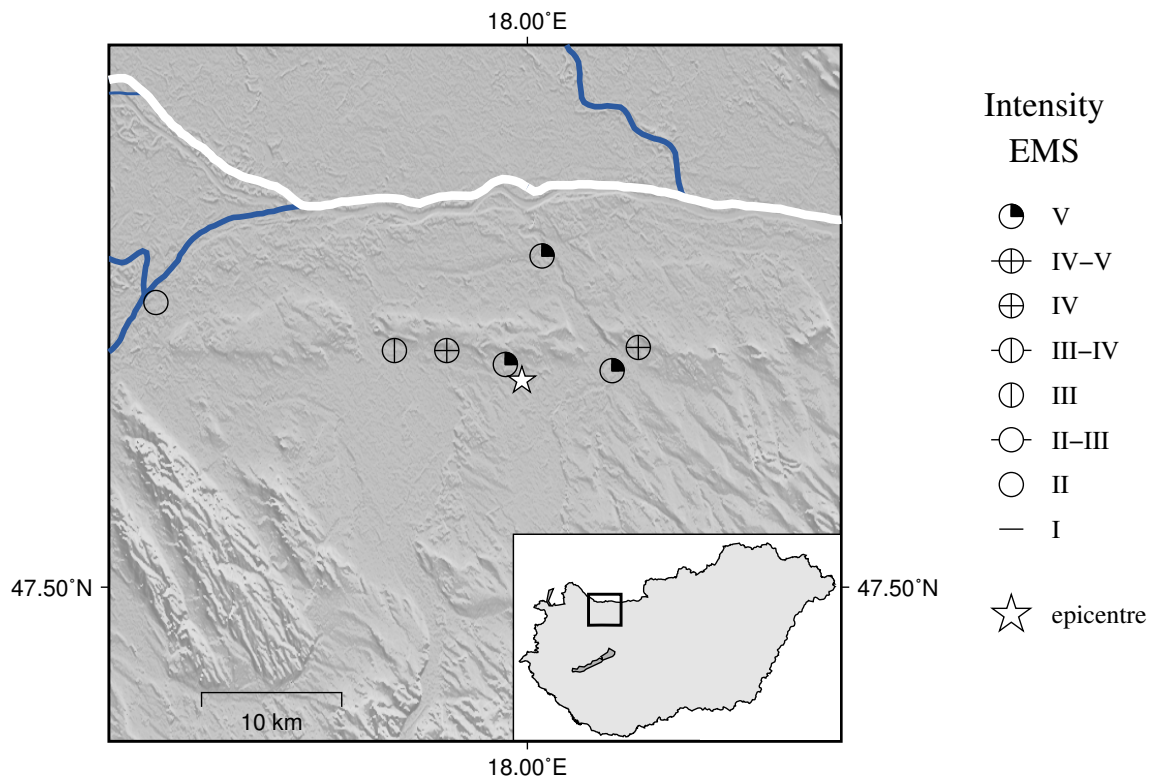


Figure 4.13:

EMS intensity distribution for the earthquake of 2015.12.23 21:22 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Ács	47.714	18.014	V	16
Bana	47.653	17.923	IV	3
Bábolna	47.644	17.979	V	40
Böny	47.653	17.873	III	1
Győr	47.684	17.645	II	2
Kisigmánd	47.655	18.106	IV	3
Nagyigmánd	47.640	18.081	V	21

Table 4.14:

Felt EMS intensities for the earthquake of 2015.12.23 21:22 UTC

5. Phase data

The phase data of the events occurred in the area confined by the latitudes 45.5-49.0°N and longitudes 16.0-23.0°E are presented in ISF2 format. Here we give the short summary of the blocks and fields appearing in the bulletin.

The IASPEI Seismic Bulletin Format (ISF) is the IASPEI approved standard format for the exchange of parametric seismological data (hypocentres, magnitudes, phase arrivals, moment tensors, etc.). It was adopted as standard in August 2001 by IASPEI's Commission on Seismic Observation and Interpretation at the Scientific Assembly in Hanoi, Vietnam. The format is an extension of the IMS1.0 format developed by the Center of Monitoring Research, Arlington, VA, USA in the 1990s to establish a data exchange protocol for the Comprehensive Test-Ban-Treaty Organization. The full documentation can be downloaded for both the ISF and IMS1.0 formats.

The need to add a number of data types to ISF1 has lead to the development of ISF2. The format is an extension of ISF1 as all additional data are in extensions to the existing ISF1 format. The changes chiefly are improved data attribution through extended station details and channel information for phases and amplitude. Since 2013 the USGS NEIC bulletin is produced in ISF2 and the International Seismological Centre will adapt the ISF2 format in the near future. The full documentation can be downloaded for the ISF2 format at the ISC website.

The HNSB is comprised of various ISF2-compliant blocks, such as Event, Origin, Magnitude and Phase blocks, as well as optional Comment blocks inside the Origin and Phase blocks. Each block is separated by an empty line; comment lines are enclosed in parentheses.

Event block

Position	Format	Description
1-5	a5	Event
7-22	a16	Event identifier
24-88	a65	Geographic region

Origin block

Position	Format	Description
1-10	i4/i2/i2	date [yyyy/mm/dd]
12-22	i2:i2:f5.2	time [hh:mm:ss.ss]
23	a1	f=fixed origin time, blank=free origin time solution
25-29	f5.2	origin time error (blank if fixed origin time) [seconds]
31-35	f5.2	root mean square of time residuals [seconds]
37-44	f8.4	latitude (negative for South) [degrees]

46-54	f9.4	longitude (negative for West) [degrees]
55	a1	f=fixed epicenter, blank=free epicenter solution
56-60	f5.1	semi-major axis of 90% error ellipse [km]
62-66	f5.1	semi-minor axis of 90% error ellipse [km]
68-70	i3	strike (azimuth of semi-major axis) [degrees]
72-76	f5.1	depth [km]
77	a1	f=fixed depth, blank=free depth solution
79-82	f4.1	depth error 90% confidence (blank if fixed depth) [km]
84-87	i4	number of defining phases
89-92	i4	number of defining stations
94-96	i3	azimuthal gap [degrees]
98-103	f6.2	distance to closest station [degrees]
105-110	f6.2	distance to furthest station [degrees]
112	a1	analysis type: (a=automatic, m>manual, blank=unknown)
114	a1	location method: (i=inversion, p=pattern recognition, g=ground truth, o=other, blank=unknown)
116-117	a2	event type (uk=unknown) character 1: k=known, s=suspected, f=felt, d=damaging character 2: c=meteor, e=earthquake, h=chemical explosion, i=induced event, l=landslide, m=mine explosion, n=nuclear explosion, r=rock burst, x=experimental explosion
119-127	a9	author
129-139	a11	origin identifier
141-145	a5	reporter
147-151	f5.1	depth-phase depth [km]
153-157	f5.1	depth-phase depth error [km]
159-161	i3	secondary azimuthal gap [degrees]

Magnitude block

Position	Format	Description
1-5	a5	magnitude type
7-10	f4.1	magnitude value
12-14	f3.1	magnitude error
16-19	i4	number of defining stations
21-29	a9	author
31-41	a11	origin identifier

Phase block

Position	Format	Description
1-5	a5	station code
7-12	f6.2	station-to-event distance [degrees]
14-18	f5.1	event-to-station azimuth [degrees]
20-27	a8	phase code
29-40	i2:i2:f6.3	arrival time [hh:mm:ss.sss]
42-46	f5.1	arrival time residual [seconds]
48-52	f5.1	observed azimuth [degrees]
54-58	f5.1	azimuth residual [degrees]
60-65	f5.1	observed slowness [seconds/degree]
67-72	f5.1	slowness residual [seconds/degree]
74	a1	time defining flag (T or -)
75	a1	azimuth defining flag (A or -)
76	a1	slowness defining flag (S or -)
78-82	f5.1	signal-to-noise ratio
84-92	f9.1	amplitude [nanometers]
94-98	f5.2	period [seconds]
100	a1	type of pick (a=automatic, m=manual)
101	a1	direction of short period first motion (c=compression, d=dilation, -=null)
102	a1	onset quality (i=impulsive, e=emergent, q=questionable, -=null)
104-108	a5	magnitude type
110-113	f4.1	magnitude value
115-125	a11	arrival identifier
127-131	a5	agency
133-140	a8	deployment
142-143	a2	location
145-149	a5	author
151-155	a5	reporter
157-159	i3	phase channel
161-163	i3	amplitude channel
165	a1	direction of long period first motion (c=compression, d=dilation, -=null)

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/01/01	06:43:25.40	1.00		48.0950	19.4840	0.1	0.1		33.0F	3.1	21			2.54	6.09	a	ke BEO	14510667	ISC			360
2015/01/01	06:43:23.50		1.12	48.0300	19.4300				6.0A				84	2.39	6.47	a	ke CSEM	14510659	ISC			360
2015/01/01	06:43:24.50			48.0200	19.4200				10.0A							a	ke GFZ	14510670	ISC			360
2015/01/01	06:43:22.86	1.52	1.44	47.9868	19.4345	28.9	9.4	173	0.0A		9	218		3.91	63.97	a	ke IDC	14510649	ISC			360
2015/01/01	06:43:23.60	0.06	0.31	48.0114	19.4270	0.7	0.5	20	13.9F	0.6	33	101		0.33	2.56	a	ke IPEC	14510662	ISC			360
2015/01/01	06:43:22.50	0.13	1.12	47.9836	19.4627	4.0	2.6	178	6.0A			47		0.30	13.38	a	ke LDG	14510643	ISC			360
2015/01/01	06:43:22.60	2.11		48.0810	19.4330	7.1	6.4	114	10.0A		36					a	ke MOS	14510646	ISC			360
2015/01/01	06:43:23.90	0.00		48.1600	19.3200				0.0A		28					a	ke PRU	14510665	ISC			360
2015/01/01	06:43:23.49	0.79	1.91	48.0456	19.4227	2.1	2.0	150	5.7F	5.1	298	155	27	0.34	63.89	m	ke BUD	14640433	iLoc			34

Magnitude	Err	Nsta	Author	OrigID
ML	3.6		BEO	14510667
ml	3.9		CSEM	14510659
mb	3.8		GFZ	14510670
ML	3.1		IDC	14510649
MS	2.4		IDC	14510649
Ms1	2.4		IDC	14510649
mb	3.3		IDC	14510649
mb1	3.5		IDC	14510649
mb1mx	3.4		IDC	14510649
mbtmp	3.4		IDC	14510649
ms1mx	2.3		IDC	14510649
ML	3.1		IPEC	14510662
ML	2.9		LDG	14510643
mb	3.9		MOS	14510646
ML	3.9	0.1	16 BUD	14640433

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
PSZ	0.34	111.7	Pg	06:43:30.674	-0.3					T__	347.5	38.7		_c_	MLv	3.8	14640435	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	0.34	111.7	Lg	06:43:35.409	-1.3					T__				---		14640436	FDSN	GE	--	BUD	iLoc	BHN	???	???	_	
PSZ	0.34	111.7	Sg	06:43:35.580	-1.1					T__				---		14640437	FDSN	IR	--	ISC	iLoc	???	???	???	_	
PSZ	0.34	111.7	Sb	06:43:35.967	-0.7					T__				---		14640438	FDSN	IR	--	ISC	iLoc	???	???	???	_	
(Station ML : 3.8 1																										
VYHS	0.60	319.1	Lg	06:43:43.900	-0.4					T__				---		14640439	FDSN	IR	--	ISC	iLoc	???	???	???	_	
VYHS	0.60	319.1	Pg	06:43:35.970	0.5					T__	76.7	1.0		---	MLv	2.8	14640440	FDSN	SK	--	BUD	iLoc	HHE	HHZ	_	
VYHS	0.60	319.1	Pg	06:43:36.006	0.5					T__				---	_c_		14640441	FDSN	SK	--	BUD	iLoc	HHZ	???	???	_
VYHS	0.60	319.1	Sg	06:43:44.062	-0.3					T__				---		14640442	FDSN	SK	--	BUD	iLoc	HHN	???	???	_	
(Station ML : 2.8 0																										
BUD	0.62	205.7	Pg	06:43:35.158	-1.2					T__	91.8	4.7		---	MLv	3.5	14640443	FDSN	HU	--	BUD	iLoc	BHE	BHZ	_	
BUD	0.62	205.7	Pg	06:43:35.162	-1.2					T__	91.8	4.7		---	_d_	MLv	3.5	14640444	FDSN	HU	--	BUD	iLoc	BHE	BHZ	_
BUD	0.62	205.7	Lg	06:43:44.404	-1.7					T__				---		14640445	FDSN	HU	--	BUD	iLoc	BHE	???	???	_	
BUD	0.62	205.7	Sg	06:43:46.160	0.0					T__				---		14640446	FDSN	IR	--	ISC	iLoc	???	???	???	_	
(Station ML : 3.5 0																										
SRO	0.78	253.1	Pg	06:43:38.400	-0.7					T__				---		14640447	FDSN	IR	--	ISC	iLoc	???	???	???	_	
SRO	0.78	253.1	Lg	06:43:50.300	-0.4					T__				---		14640449	FDSN	IR	--	ISC	iLoc	???	???	???	_	
SRO	0.78	253.1	Sn	06:43:54.800	2.3					T__				---		14640450	FDSN	IR	--	ISC	iLoc	???	???	???	_	
SRO	0.78	253.1	pmax	23:59:59.590	-99.0					---		2044.0	0.70	---		14640451	FDSN	IR	--	ISC	iLoc	???	???	???	_	
SRO	0.78	253.1	Pb	06:43:38.641	-0.5					T__	209.3	18.5		---	MLv	4.2	14640452	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_	
SRO	0.78	253.1	Sg	06:43:50.123	-0.6					T__				---		14640453	FDSN	SK	--	BUD	iLoc	EHN	???	???	_	
(Station ML : 4.2 0																										
KECS	0.83	57.9	Pb	06:43:39.300	-0.7					T__				---		14640454	FDSN	IR	--	ISC	iLoc	???	???	???	_	
KECS	0.83	57.9	Pg	06:43:39.561	-0.4					T__	504.2	57.4		_c_	MLv	4.7	14640456	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_	

KECS	0.83	57.9	Lg	06:43:51.818	-0.6	T__				14640457	FDSN	SK	--	BUD	iLoc	EHE	???	_	
KECS	0.83	57.9	Sg	06:43:52.000	-0.4	T__				14640458	FDSN	IR	--	ISC	iLoc	???	???	_	
KECS	0.83	57.9	Sn	06:43:54.500	0.4	T__				14640459	FDSN	IR	--	ISC	iLoc	???	???	_	
KECS	0.83	57.9	pmax	23:59:59.590	-99.0	---		813.0	0.20	---	14640460	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 4.7 0																			
KOLL	0.87	308.5	Pn	06:43:41.000	-0.1	T__				14640461	FDSN	IR	--	ISC	iLoc	???	???	_	
KOLL	0.87	308.5	Lg	06:43:52.300	-1.0	T__				14640462	FDSN	IR	--	ISC	iLoc	???	???	_	
BSZH	0.94	142.3	Pn	06:43:42.142	-0.0	T__	42.1	4.4		_c MLv 3.7	14640463	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	0.94	142.3	Pg	06:43:42.320	-1.1	T__				14640464	FDSN	IR	--	ISC	iLoc	???	???	_	
BSZH	0.94	142.3	Sn	06:43:55.970	-0.8	T__				14640465	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 3.7 0																			
CSKK	1.04	229.4	Pg	06:43:42.824	-1.3	T__	746.1	4.5		___ MLv 3.7	14640466	FDSN	HU	--	BUD	iLoc	SHE	SHZ	_
CSKK	1.04	229.4	Pn	06:43:42.960	-0.5	T__				14640467	FDSN	IR	--	ISC	iLoc	???	???	_	
CSKK	1.04	229.4	Lg	06:44:00.690	1.4	T__				14640468	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 3.7 1																			
SMOL	1.41	290.1	Pn	06:43:49.200	0.3	T__				14640469	FDSN	IR	--	ISC	iLoc	???	???	_	
SMOL	1.41	290.1	Pg	06:43:51.700	0.2	T__				14640471	FDSN	IR	--	ISC	iLoc	???	???	_	
SMOL	1.41	290.1	Lg	06:44:11.100	0.1	T__				14640472	FDSN	IR	--	ISC	iLoc	???	???	_	
JAVC	1.42	305.6	Pn	06:43:50.000	0.9	T__				14640473	FDSN	IR	--	ISC	iLoc	???	???	_	
JAVC	1.42	305.6	Sn	06:44:09.100	0.4	T__		571.8	1.48	---	14640475	FDSN	IR	--	ISC	iLoc	???	???	_
MODS	1.47	283.7	Pn	06:43:49.000	-0.8	T__				14640476	FDSN	IR	--	ISC	iLoc	???	???	_	
MODS	1.47	283.7	Pg	06:43:52.400	-0.4	T__				14640478	FDSN	IR	--	ISC	iLoc	???	???	_	
MODS	1.47	283.7	Sn	06:44:10.400	0.7	T__				14640479	FDSN	IR	--	ISC	iLoc	???	???	_	
MODS	1.47	283.7	Lg	06:44:14.400	1.4	T__				14640480	FDSN	IR	--	ISC	iLoc	???	???	_	
MODS	1.47	283.7	pmax	23:59:59.590	-99.0	---		610.0	0.80	---	14640481	FDSN	IR	--	ISC	iLoc	???	???	_
NIE	1.49	22.6	Pg	06:43:52.320	0.0	T__				14640482	FDSN	IR	--	ISC	iLoc	???	???	_	
NIE	1.49	22.6	Lg	06:44:12.760	-0.5	T__				14640483	FDSN	IR	--	ISC	iLoc	???	???	_	
EGYH	1.55	246.8	Pn	06:43:47.980	-2.7	T__				14640484	FDSN	IR	--	ISC	iLoc	???	???	_	
EGYH	1.55	246.8	Sn	06:44:11.390	-0.1	T__				14640485	FDSN	IR	--	ISC	iLoc	???	???	_	
TIH	1.55	222.7	Pn	06:43:51.490	0.9	T__				14640486	FDSN	IR	--	ISC	iLoc	???	???	_	
TIH	1.55	222.7	Lg	06:44:17.670	2.1	T__				14640487	FDSN	IR	--	ISC	iLoc	???	???	_	
MPLH	1.55	236.2	Pn	06:43:51.710	1.1	T__	38.3	2.3		___ MLv 3.7	14640489	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	1.55	236.2	Lg	06:44:13.002	-2.4	T__				14640490	FDSN	HU	--	BUD	iLoc	BHE	???	_	
MPLH	1.55	236.2	Lg	06:44:17.290	1.7	T__				14640488	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 3.7 1																			
ZST	1.56	276.4	Pn	06:43:51.000	0.1	T__				14640491	FDSN	IR	--	ISC	iLoc	???	???	_	
ZST	1.56	276.4	Pg	06:43:54.400	-0.1	T__				14640493	FDSN	IR	--	ISC	iLoc	???	???	_	
ZST	1.56	276.4	Sn	06:44:11.069	-0.6	T__				14640494	FDSN	SK	--	BUD	iLoc	HHE	???	_	
ZST	1.56	276.4	Lg	06:44:14.500	-1.2	T__				14640495	FDSN	IR	--	ISC	iLoc	???	???	_	
ZST	1.56	276.4	Sg	06:44:16.400	0.7	T__				14640496	FDSN	IR	--	ISC	iLoc	???	???	_	
ZST	1.56	276.4	pmax	23:59:59.590	-99.0	---		998.0	0.80	---	14640497	FDSN	IR	--	ISC	iLoc	???	???	_
CRVS	1.60	57.0	Pn	06:43:52.900	1.1	T__				14640498	FDSN	IR	--	ISC	iLoc	???	???	_	
CRVS	1.60	57.0	Pg	06:43:54.700	1.4	T__				14640500	FDSN	IR	--	ISC	iLoc	???	???	_	
CRVS	1.60	57.0	Lg	06:44:17.200	-1.1	T__				14640501	FDSN	IR	--	ISC	iLoc	???	???	_	
CRVS	1.60	57.0	Sg	06:44:20.900	2.6	T__				14640502	FDSN	IR	--	ISC	iLoc	???	???	_	
CRVS	1.60	57.0	pmax	23:59:59.590	-99.0	---		619.0	0.40	---	14640503	FDSN	IR	--	ISC	iLoc	???	???	_
LTVH	1.80	110.6	Pn	06:43:55.010	0.6	T__				14640504	FDSN	IR	--	ISC	iLoc	???	???	_	
LTVH	1.80	110.6	Pg	06:43:58.100	-1.3	T__				14640505	FDSN	IR	--	ISC	iLoc	???	???	_	
LTVH	1.80	110.6	Lg	06:44:23.370	-2.8	T__				14640506	FDSN	IR	--	ISC	iLoc	???	???	_	
AMBH	1.91	151.9	Pn	06:43:56.773	1.0	T__	6.3	1.9		___ MLv 3.8	14640507	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
AMBH	1.91	151.9	Sn	06:44:20.267	-0.2	T__				14640508	FDSN	HU	--	BUD	iLoc	SHE	???	_	
AMBH	1.91	151.9	Pg	06:43:57.090	-5.4	---				14640509	FDSN	IR	--	ISC	iLoc	???	???	_	
AMBH	1.91	151.9	Pb	06:44:01.030	-1.4	T__				14640510	FDSN	IR	--	ISC	iLoc	???	???	_	

AMBH	1.91	151.9	Lg	06:44:34.930	5.6	T__				14640511	FDSN	IR	--	ISC	iLoc	??? ???	_	
(Station ML : 3.8 1																		
SOP	1.96	260.4	Pn	06:43:56.720	0.2	T__				14640512	FDSN	IR	--	ISC	iLoc	??? ???	_	
SOP	1.96	260.4	Sn	06:44:21.040	-0.3	T__				14640513	FDSN	IR	--	ISC	iLoc	??? ???	_	
OKC	1.98	335.4	Pn	06:43:57.000	0.3	T__				14640514	FDSN	IR	--	ISC	iLoc	??? ???	_	
OKC	1.98	335.4	Sn	06:44:22.800	-0.0	T__		231.5	0.70	14640515	FDSN	IR	--	ISC	iLoc	??? ???	_	
OKC	1.98	335.4	smax	23:59:59.590	-99.0	---		232.0	0.70	14640516	FDSN	IR	--	ISC	iLoc	??? ???	_	
UZH	2.00	71.9	Pn	06:43:57.000	-0.4	T__				14640517	FDSN	IR	--	ISC	iLoc	??? ???	_	
UZH	2.00	71.9	Sn	06:44:22.000	-2.4	T__				14640518	FDSN	IR	--	ISC	iLoc	??? ???	_	
LOSC	2.08	320.1	Pn	06:43:59.000	1.0	T__				14640519	FDSN	IR	--	ISC	iLoc	??? ???	_	
LOSC	2.08	320.1	Sn	06:44:25.000	0.3	T__		113.6	0.52	14640520	FDSN	IR	--	ISC	iLoc	??? ???	_	
KOLS	2.09	63.8	Pb	06:43:59.100	-4.4	T__				14640521	FDSN	IR	--	ISC	iLoc	??? ???	_	
KOLS	2.09	63.8	Pn	06:43:59.251	0.4	T__	17.7	3.8		MLv 4.2	14640522	FDSN	SK	--	BUD	iLoc	HHZ HHZ	_
KOLS	2.09	63.8	Pg	06:44:04.100	0.6	---				14640523	FDSN	IR	--	ISC	iLoc	??? ???	_	
KOLS	2.09	63.8	Pg	06:44:04.270	0.8	T__				14640524	FDSN	SK	--	BUD	iLoc	HHN ???	_	
KOLS	2.09	63.8	Sn	06:44:26.366	-0.6	T__				14640525	FDSN	SK	--	BUD	iLoc	HHE ???	_	
KOLS	2.09	63.8	Lg	06:44:44.700	9.9	---				14640526	FDSN	IR	--	ISC	iLoc	??? ???	_	
KOLS	2.09	63.8	pmax	23:59:59.590	-99.0	---		377.0	1.00	14640527	FDSN	IR	--	ISC	iLoc	??? ???	_	
(Station ML : 4.2 0																		
MORC	2.13	325.1	Pn	06:43:59.700	0.9	T__				14640528	FDSN	IR	--	ISC	iLoc	??? ???	_	
MORC	2.13	325.1	Pn	06:43:59.800	0.9	T__				14640529	FDSN	IR	--	ISC	iLoc	??? ???	_	
MORC	2.13	325.1	Pb	06:43:59.925	-4.1	T__				14640530	FDSN	IR	--	ISC	iLoc	??? ???	_	
MORC	2.13	325.1	Sn	06:44:26.700	0.3	T__				14640531	FDSN	IR	--	ISC	iLoc	??? ???	_	
MORC	2.13	325.1	Sn	06:44:26.800	0.3	T__				14640532	FDSN	IR	--	ISC	iLoc	??? ???	_	
MORC	2.13	325.1	Sg	06:44:27.059	-5.6	T__				14640533	FDSN	IR	--	ISC	iLoc	??? ???	_	
MORC	2.13	325.1	Sb	06:44:31.400	-1.3	T__		195.0	0.81	14640534	FDSN	IR	--	ISC	iLoc	??? ???	_	
MORC	2.13	325.1	x	06:44:31.500	-99.0	---				14640535	FDSN	IR	--	ISC	iLoc	??? ???	_	
OJC	2.19	6.3	Pn	06:44:02.080	1.9	T__				14640536	FDSN	IR	--	ISC	iLoc	??? ???	_	
OJC	2.19	6.3	Pg	06:44:05.720	-0.4	T__				14640537	FDSN	IR	--	ISC	iLoc	??? ???	_	
OJC	2.19	6.3	Sn	06:44:27.520	-2.1	T__				14640538	FDSN	IR	--	ISC	iLoc	??? ???	_	
OJC	2.19	6.3	Lg	06:44:33.520	-2.7	T__				14640539	FDSN	IR	--	ISC	iLoc	??? ???	_	
RAC	2.19	338.9	Pg	06:44:06.300	1.3	T__				14640540	FDSN	IR	--	ISC	iLoc	??? ???	_	
KRUC	2.25	298.0	Pn	06:44:00.700	0.2	T__				14640541	FDSN	IR	--	ISC	iLoc	??? ???	_	
KRUC	2.25	298.0	Sn	06:44:29.300	0.8	T__		71.2	0.92	14640543	FDSN	IR	--	ISC	iLoc	??? ???	_	
VRAC	2.26	305.0	Pn	06:44:01.300	0.7	T__				14640544	FDSN	IR	--	ISC	iLoc	??? ???	_	
VRAC	2.26	305.0	Pg	06:44:01.637	-5.2	---				14640546	FDSN	IR	--	ISC	iLoc	??? ???	_	
VRAC	2.26	305.0	Sn	06:44:29.600	0.8	T__		62.9	0.77	14640547	FDSN	IR	--	ISC	iLoc	??? ???	_	
VRAC	2.26	305.0	Lg	06:44:29.700	-7.3	T__				14640548	FDSN	IR	--	ISC	iLoc	??? ???	_	
SIRR	2.34	138.5	Pn	06:44:01.732	-0.2	T__				14640549	FDSN	IR	--	ISC	iLoc	??? ???	_	
BEHE	2.39	229.8	Pn	06:44:05.000	2.2	T__				14640550	FDSN	IR	--	ISC	iLoc	??? ???	_	
BEHE	2.39	229.8	Pg	06:44:05.310	-5.2	---				14640551	FDSN	IR	--	ISC	iLoc	??? ???	_	
CONA	2.39	268.5	Pn	06:44:02.798	0.1	T__	46.0	21.5	0.56	14640552	FDSN	IR	--	ISC	iLoc	??? ???	_	
CONA	2.39	268.5	Sn	06:44:31.754	-0.5	T__		0.1	0.08	14640553	FDSN	IR	--	ISC	iLoc	??? ???	_	
DRGR	2.56	118.1	Pn	06:44:05.000	-0.3	T__				14640554	FDSN	IR	--	ISC	iLoc	??? ???	_	
DRGR	2.56	118.1	Pg	06:44:05.183	-9.2	---				14640555	FDSN	IR	--	ISC	iLoc	??? ???	_	
DRGR	2.56	118.1	Sn	06:44:34.700	-2.6	T__				14640556	FDSN	IR	--	ISC	iLoc	??? ???	_	
TIM	2.62	151.2	Pn	06:44:05.597	0.1	T__				14640557	FDSN	IR	--	ISC	iLoc	??? ???	_	
ARSA	2.75	254.7	Pn	06:44:08.261	0.8	T__	11.9	2.9	0.30	14640558	FDSN	IR	--	ISC	iLoc	??? ???	_	
ARSA	2.75	254.7	Sn	06:44:42.413	1.8	T__		12.8	0.38	14640559	FDSN	IR	--	ISC	iLoc	??? ???	_	
BMR	2.77	96.2	Pn	06:44:07.317	-1.0	T__				14640560	FDSN	IR	--	ISC	iLoc	??? ???	_	
BMR	2.77	96.2	Sn	06:44:41.258	-1.7	T__				14640561	FDSN	IR	--	ISC	iLoc	??? ???	_	
KALN	2.79	227.7	Pn	06:44:08.090	-0.4	T__				14640562	FDSN	IR	--	ISC	iLoc	??? ???	_	
BZS	2.86	147.4	Pn	06:44:08.967	0.0	T__				14640563	FDSN	IR	--	ISC	iLoc	??? ???	_	

BZS	2.86	147.4	Pg	06:44:09.000	-11.5	---	---	---	14640564	FDSN	IR	--	ISC	iLoc	??? ???	-		
BZS	2.86	147.4	Sn	06:44:41.500	-1.9	T__	---	---	14640565	FDSN	IR	--	ISC	iLoc	??? ???	-		
TREC	2.89	297.1	Pn	06:44:08.200	-1.2	T__	---	---	14640566	FDSN	IR	--	ISC	iLoc	??? ???	-		
FRGS	2.90	174.6	Pn	06:44:09.300	-0.3	T__	---	---	14640567	FDSN	IR	--	ISC	iLoc	??? ???	-		
FRGS	2.90	174.6	Pg	06:44:10.300	-10.0	---	---	---	14640568	FDSN	IR	--	ISC	iLoc	??? ???	-		
FRGS	2.90	174.6	Sn	06:44:44.700	0.1	T__	---	---	14640569	FDSN	IR	--	ISC	iLoc	??? ???	-		
BANR	2.91	155.5	Pn	06:44:10.383	0.7	T__	---	---	14640570	FDSN	IR	--	ISC	iLoc	??? ???	-		
BANR	2.91	155.5	Sn	06:44:44.279	-0.3	T__	---	---	14640571	FDSN	IR	--	ISC	iLoc	??? ???	-		
DPC	3.07	319.8	Pn	06:44:11.500	-0.5	T__	---	---	14640572	FDSN	IR	--	ISC	iLoc	??? ???	-		
DPC	3.07	319.8	Lg	06:44:55.900	-5.4	T__	---	---	14640573	FDSN	IR	--	ISC	iLoc	??? ???	-		
GROS	3.11	240.8	Pn	06:44:12.760	0.2	T__	---	---	14640574	FDSN	IR	--	ISC	iLoc	??? ???	-		
GROS	3.11	240.8	Sn	06:44:48.500	-1.4	T__	---	---	14640575	FDSN	IR	--	ISC	iLoc	??? ???	-		
PTJ	3.19	229.1	Pn	06:44:14.457	0.6	T__	3.8	0.4	MLv	3.9	14640576	FDSN	CR	--	BUD	iLoc	BHZ BHZ	-
(Station ML : 3.9 1																		
DEV	3.22	130.9	Pn	06:44:14.138	0.0	T__	---	---	14640577	FDSN	IR	--	ISC	iLoc	??? ???	-		
DEV	3.22	130.9	Sn	06:44:52.466	-0.1	T__	---	---	14640578	FDSN	IR	--	ISC	iLoc	??? ???	-		
ZAG	3.23	227.9	Pg	06:44:23.900	-2.3	T__	---	---	14640579	FDSN	IR	--	ISC	iLoc	??? ???	-		
PERS	3.25	245.9	Pn	06:44:15.130	0.7	T__	---	---	14640580	FDSN	IR	--	ISC	iLoc	??? ???	-		
PERS	3.25	245.9	Sn	06:44:53.680	0.7	T__	---	---	14640581	FDSN	IR	--	ISC	iLoc	??? ???	-		
OSTC	3.27	321.3	Pn	06:44:14.500	-0.2	T__	---	---	14640582	FDSN	IR	--	ISC	iLoc	??? ???	-		
SOKA	3.28	247.0	Pn	06:44:16.832	1.9	T__	1.1	0.20	---	14640583	FDSN	IR	--	ISC	iLoc	??? ???	-	
SOKA	3.28	247.0	Sn	06:44:54.311	0.4	T__	8.2	0.50	---	14640584	FDSN	IR	--	ISC	iLoc	??? ???	-	
GOLS	3.30	233.3	Pn	06:44:15.670	0.3	T__	---	---	14640585	FDSN	IR	--	ISC	iLoc	??? ???	-		
GOLS	3.30	233.3	Sn	06:44:54.910	-0.2	T__	---	---	14640586	FDSN	IR	--	ISC	iLoc	??? ???	-		
UPC	3.33	319.1	Pn	06:44:15.100	-0.3	T__	---	---	14640587	FDSN	IR	--	ISC	iLoc	??? ???	-		
CHVC	3.37	320.4	Pn	06:44:15.600	-0.4	T__	---	---	14640588	FDSN	IR	--	ISC	iLoc	??? ???	-		
KSP	3.47	325.1	Pn	06:44:19.125	1.7	T__	2.3	0.3	MLv	3.9	14640589	FDSN	PL	--	BUD	iLoc	BHZ BHZ	-
KSP	3.47	325.1	Pg	06:44:29.900	2.5	T__	---	---	14640590	FDSN	IR	--	ISC	iLoc	??? ???	-		
KSP	3.47	325.1	Lg	06:45:11.640	-1.7	T__	---	---	14640591	FDSN	IR	--	ISC	iLoc	??? ???	-		
(Station ML : 3.9 1																		
MOA	3.47	268.7	Pn	06:44:17.800	0.3	T__	---	---	14640592	FDSN	IR	--	ISC	iLoc	??? ???	-		
MOA	3.47	268.7	Pg	06:44:18.287	-12.3	---	9.0	1.0	0.12	---	14640593	FDSN	IR	--	ISC	iLoc	??? ???	-
MOA	3.47	268.7	Sn	06:45:01.029	2.4	---	---	24.0	0.70	---	14640594	FDSN	IR	--	ISC	iLoc	??? ???	-
ARCR	3.47	104.2	Pn	06:44:18.375	0.1	T__	---	---	14640595	FDSN	IR	--	ISC	iLoc	??? ???	-		
ARCR	3.47	104.2	Sn	06:44:59.259	-0.8	T__	---	---	14640596	FDSN	IR	--	ISC	iLoc	??? ???	-		
CRES	3.51	232.2	Pg	06:44:18.192	-13.1	---	2.6	0.2	MLv	3.8	14640597	FDSN	SL	--	BUD	iLoc	BHZ BHZ	-
CRES	3.51	232.2	Sn	06:44:59.859	-0.3	T__	---	---	14640598	FDSN	SL	--	BUD	iLoc	BHN ???	-		
CRES	3.51	232.2	Pn	06:44:17.400	-0.8	T__	---	---	14640599	FDSN	IR	--	ISC	iLoc	??? ???	-		
(Station ML : 3.8 1																		
GZR	3.52	137.8	Pn	06:44:18.552	0.1	T__	---	---	14640600	FDSN	IR	--	ISC	iLoc	??? ???	-		
GZR	3.52	137.8	Sn	06:45:00.088	-0.3	T__	---	---	14640601	FDSN	IR	--	ISC	iLoc	??? ???	-		
LVV	3.52	58.0	Pn	06:44:19.000	-0.3	T__	---	---	14640602	FDSN	IR	--	ISC	iLoc	??? ???	-		
LVV	3.52	58.0	Sn	06:45:01.000	-2.9	T__	---	---	14640603	FDSN	IR	--	ISC	iLoc	??? ???	-		
BLY	3.61	206.3	Pn	06:44:19.987	0.3	T__	1.9	0.2	MLv	3.9	14640604	FDSN	MN	--	BUD	iLoc	BHZ BHZ	-
BLY	3.61	206.3	Pg	06:44:32.398	-1.4	T__	---	---	14640605	FDSN	MN	--	BUD	iLoc	BHN ???	-		
(Station ML : 3.9 1																		
MDVR	3.63	153.3	Pn	06:44:19.435	-0.6	T__	---	---	14640606	FDSN	IR	--	ISC	iLoc	??? ???	-		
BLY	3.64	206.0	Pn	06:44:19.600	-0.6	T__	---	---	14640607	FDSN	IR	--	ISC	iLoc	??? ???	-		
BLY	3.64	206.0	Pg	06:44:19.800	-14.6	---	---	---	14640608	FDSN	IR	--	ISC	iLoc	??? ???	-		
OZLJ	3.64	229.6	Pn	06:44:20.640	0.6	T__	---	---	14640609	FDSN	IR	--	ISC	iLoc	??? ???	-		
OBKA	3.66	246.9	Pg	06:44:21.585	-12.0	---	2.8	0.2	MLv	3.9	14640610	FDSN	OE	--	BUD	iLoc	BHZ BHZ	-
OBKA	3.66	246.9	Pn	06:44:21.207	1.0	T__	7.1	3.7	0.58	---	14640611	FDSN	IR	--	ISC	iLoc	??? ???	-
(Station ML : 3.9 1																		

PRU	3.75	303.0	Pn	06:44:19.900	-1.3	T__					14640612	FDSN	IR	--	ISC	iLoc	??? ???	-	
PRU	3.75	303.0	Pg	06:44:23.600	-10.4	---					14640613	FDSN	IR	--	ISC	iLoc	??? ???	-	
PRU	3.75	303.0	Sn	06:45:02.800	-2.7	T__					14640614	FDSN	IR	--	ISC	iLoc	??? ???	-	
PRA	3.86	303.6	Pn	06:44:21.700	-0.9	T__					14640615	FDSN	IR	--	ISC	iLoc	??? ???	-	
TRUS	3.88	169.5	Pn	06:44:23.700	0.4	T__					14640616	FDSN	IR	--	ISC	iLoc	??? ???	-	
MDB	3.89	117.5	Pn	06:44:22.702	-1.2	T__					14640617	FDSN	IR	--	ISC	iLoc	??? ???	-	
GERES	3.89	284.0	Pn	06:44:24.100	0.6	T__	113.4	2.1	0.33	---	14640618	FDSN	IR	--	ISC	iLoc	??? ???	-	
GERES	3.89	284.0	Sn	06:45:09.725	0.6	T__	8.9	4.3	0.33	---	14640619	FDSN	IR	--	ISC	iLoc	??? ???	-	
GERES	3.89	284.0	LR	06:45:29.760	-99.0	---		32.2	19.51	---	14640620	FDSN	IR	--	ISC	iLoc	??? ???	-	
LJU	3.90	240.9	Pn	06:44:26.000	2.5	T__					14640621	FDSN	IR	--	ISC	iLoc	??? ???	-	
BURAR	3.93	94.2	Pn	06:44:24.669	-0.3	T__					14640622	FDSN	IR	--	ISC	iLoc	??? ???	-	
BURAR	3.93	94.2	Sn	06:45:10.452	-1.6	T__					14640623	FDSN	IR	--	ISC	iLoc	??? ???	-	
PBCC	3.94	296.6	Pn	06:44:23.000	-0.8	T__					14640624	FDSN	IR	--	ISC	iLoc	??? ???	-	
KUBS	3.96	155.9	Pn	06:44:23.300	-1.2	T__					14640625	FDSN	IR	--	ISC	iLoc	??? ???	-	
LOT	3.96	129.4	Pn	06:44:25.124	0.1	T__					14640626	FDSN	IR	--	ISC	iLoc	??? ???	-	
DIVS	3.97	174.1	Pg	06:44:24.000	-15.9	---					14640627	FDSN	IR	--	ISC	iLoc	??? ???	-	
DIVS	3.97	174.1	Pn	06:44:24.727	0.0	T__	3.2	0.3		MLv	4.1	14640628	FDSN	MN	--	BUD	iLoc	BHZ BHZ	-
DIVS	3.97	174.1	Sn	06:45:09.857	-0.8	T__						14640629	FDSN	MN	--	BUD	iLoc	BHN ???	-
(Station ML : 4.1 1																			
HAPS	3.97	184.9	Pn	06:44:24.100	-0.9	T__					14640630	FDSN	IR	--	ISC	iLoc	??? ???	-	
KHC	4.03	287.8	Pn	06:44:23.600	-1.5	T__					14640632	FDSN	IR	--	ISC	iLoc	??? ???	-	
KHC	4.03	287.8	Pg	06:44:26.100	-14.0	---					14640633	FDSN	IR	--	ISC	iLoc	??? ???	-	
KHC	4.03	287.8	Sn	06:45:09.800	-2.3	T__					14640634	FDSN	IR	--	ISC	iLoc	??? ???	-	
PVCC	4.03	309.8	Pn	06:44:23.800	-1.3	T__					14640635	FDSN	IR	--	ISC	iLoc	??? ???	-	
CEY	4.13	237.9	Pn	06:44:26.400	-0.4	T__					14640636	FDSN	IR	--	ISC	iLoc	??? ???	-	
MYKA	4.18	252.3	Pn	06:44:28.971	1.5	T__		0.3	0.14	---	14640637	FDSN	IR	--	ISC	iLoc	??? ???	-	
MYKA	4.18	252.3	Sn	06:45:18.614	2.5	T__		3.9	0.32	---	14640638	FDSN	IR	--	ISC	iLoc	??? ???	-	
BBLs	4.18	180.2	Pn	06:44:22.700	-4.9	---					14640639	FDSN	IR	--	ISC	iLoc	??? ???	-	
BBLs	4.18	180.2	Pg	06:44:27.600	-16.2	---					14640640	FDSN	IR	--	ISC	iLoc	??? ???	-	
KBA	4.23	259.0	Pn	06:44:29.300	0.9	T__	6.2	3.0	0.38	---	14640641	FDSN	IR	--	ISC	iLoc	??? ???	-	
KBA	4.23	259.0	Sn	06:45:22.798	5.1	T__		9.3	0.68	---	14640642	FDSN	IR	--	ISC	iLoc	??? ???	-	
GRUS	4.25	167.3	Pn	06:44:28.800	0.4	T__					14640643	FDSN	IR	--	ISC	iLoc	??? ???	-	
SRE	4.28	140.9	Pn	06:44:27.757	-1.5	T__					14640644	FDSN	IR	--	ISC	iLoc	??? ???	-	
UDBI	4.34	217.1	Pn	06:44:30.850	0.4	T__					14640645	FDSN	IR	--	ISC	iLoc	??? ???	-	
UDBI	4.34	217.1	Sn	06:45:20.910	0.2	T__					14640646	FDSN	IR	--	ISC	iLoc	??? ???	-	
ARR	4.47	124.9	Pn	06:44:31.969	-0.4	T__					14640647	FDSN	IR	--	ISC	iLoc	??? ???	-	
ARR	4.47	124.9	Sn	06:45:23.181	-2.0	T__					14640648	FDSN	IR	--	ISC	iLoc	??? ???	-	
SKDS	4.48	238.1	Pg	06:45:59.730	70.9	---					14640649	FDSN	IR	--	ISC	iLoc	??? ???	-	
SKDS	4.48	238.1	Lg	06:46:08.350	20.4	---					14640650	FDSN	IR	--	ISC	iLoc	??? ???	-	
IVAS	4.50	173.2	Pn	06:44:31.000	-1.0	T__					14640651	FDSN	IR	--	ISC	iLoc	??? ???	-	
IVAS	4.50	173.2	Sn	06:45:21.600	-1.6	T__					14640652	FDSN	IR	--	ISC	iLoc	??? ???	-	
KIJV	4.55	208.6	Pn	06:44:33.850	0.4	T__					14640653	FDSN	IR	--	ISC	iLoc	??? ???	-	
BRG	4.56	310.4	Pn	06:44:32.900	0.4	T__					14640654	FDSN	IR	--	ISC	iLoc	??? ???	-	
BRG	4.56	310.4	x	06:44:36.000	-99.0	---		8.9	0.78	---	14640656	FDSN	IR	--	ISC	iLoc	??? ???	-	
BRG	4.56	310.4	Pg	06:44:51.900	3.7	T__					14640657	FDSN	IR	--	ISC	iLoc	??? ???	-	
BRG	4.56	310.4	x	06:45:33.000	-99.0	---					14640658	FDSN	IR	--	ISC	iLoc	??? ???	-	
BRG	4.56	310.4	x	06:46:00.250	-99.0	---		47.5	1.12	---	14640659	FDSN	IR	--	ISC	iLoc	??? ???	-	
BRG	4.56	310.4	pmax	23:59:59.590	-99.0	---		9.0	0.80	---	14640660	FDSN	IR	--	ISC	iLoc	??? ???	-	
DOPR	4.58	114.8	Pn	06:44:33.686	-0.2	T__					14640661	FDSN	IR	--	ISC	iLoc	??? ???	-	
PRAR	4.65	95.9	Pn	06:44:34.820	0.0	T__					14640662	FDSN	IR	--	ISC	iLoc	??? ???	-	
BIZ	4.66	101.3	Pn	06:44:33.754	-1.3	T__					14640663	FDSN	IR	--	ISC	iLoc	??? ???	-	
ZAGS	4.67	154.1	Pn	06:44:32.900	-1.5	T__					14640664	FDSN	IR	--	ISC	iLoc	??? ???	-	
VOIR	4.67	121.9	Pn	06:44:34.813	-0.4	T__					14640665	FDSN	IR	--	ISC	iLoc	??? ???	-	

NVLJ	4.70	223.8	Pn	06:44:36.460	1.3	T__				14640666	FDSN	IR	--	ISC	iLoc	??? ???	-
NVLJ	4.70	223.8	Sn	06:45:30.130	1.5	T__				14640667	FDSN	IR	--	ISC	iLoc	??? ???	-
NVLJ	4.70	223.8	Pg	06:46:01.670	67.4	---				14640668	FDSN	IR	--	ISC	iLoc	??? ???	-
NVLJ	4.70	223.8	Lg	06:46:11.780	15.9	---				14640669	FDSN	IR	--	ISC	iLoc	??? ???	-
OZUR	4.77	111.8	Pn	06:44:34.777	-1.8	T__				14640670	FDSN	IR	--	ISC	iLoc	??? ???	-
SJES	4.80	175.2	Pn	06:44:35.800	-0.6	T__				14640671	FDSN	IR	--	ISC	iLoc	??? ???	-
SJES	4.80	175.2	Pg	06:44:36.500	-18.8	---				14640672	FDSN	IR	--	ISC	iLoc	??? ???	-
ABTA	4.87	257.1	Pn	06:44:38.700	1.5	T__		1.3	0.48	14640673	FDSN	IR	--	ISC	iLoc	??? ???	-
MORI	4.92	213.1	Pn	06:44:39.260	0.6	T__				14640674	FDSN	IR	--	ISC	iLoc	??? ???	-
MORI	4.92	213.1	Sn	06:45:35.130	0.0	T__				14640675	FDSN	IR	--	ISC	iLoc	??? ???	-
MAKA	5.05	200.4	Pn	06:44:40.660	0.1	T__				14640676	FDSN	IR	--	ISC	iLoc	??? ???	-
MAKA	5.05	200.4	Sn	06:45:38.140	-0.4	T__				14640677	FDSN	IR	--	ISC	iLoc	??? ???	-
ROTZ	5.06	292.6	x	06:44:39.800	-99.0	---		10.7	0.60	14640678	FDSN	IR	--	ISC	iLoc	??? ???	-
ROTZ	5.06	292.6	x	06:44:40.500	-99.0	---		11.1	0.70	14640679	FDSN	IR	--	ISC	iLoc	??? ???	-
DUGI	5.07	218.5	Pn	06:44:41.870	1.1	T__				14640680	FDSN	IR	--	ISC	iLoc	??? ???	-
NKC	5.07	298.2	Pn	06:44:38.700	-0.9	T__				14640681	FDSN	IR	--	ISC	iLoc	??? ???	-
NKC	5.07	298.2	x	06:44:40.600	-99.0	---		7.5	0.90	14640682	FDSN	IR	--	ISC	iLoc	??? ???	-
ZIRJ	5.12	212.4	Pn	06:44:42.470	0.8	T__				14640683	FDSN	IR	--	ISC	iLoc	??? ???	-
ZIRJ	5.12	212.4	Sn	06:45:39.340	-1.0	T__				14640684	FDSN	IR	--	ISC	iLoc	??? ???	-
TANN	5.14	300.1	x	06:44:41.700	-99.0	---		25.6	0.90	14640685	FDSN	IR	--	ISC	iLoc	??? ???	-
TESR	5.15	104.7	Pn	06:44:40.498	-1.5	T__				14640686	FDSN	IR	--	ISC	iLoc	??? ???	-
TESR	5.15	104.7	x	06:44:43.500	-99.0	---		20.1	0.70	14640687	FDSN	IR	--	ISC	iLoc	??? ???	-
MLR	5.16	117.3	Pn	06:44:41.328	-1.2	T__				14640688	FDSN	IR	--	ISC	iLoc	??? ???	-
MLR	5.16	117.3	x	06:44:41.600	-99.0	---		25.7	0.90	14640689	FDSN	IR	--	ISC	iLoc	??? ???	-
MANZ	5.19	294.7	x	06:44:42.100	-99.0	---		14.0	2.10	14640690	FDSN	IR	--	ISC	iLoc	??? ???	-
ZAPS	5.28	153.6	Pn	06:44:43.400	0.4	T__				14640691	FDSN	IR	--	ISC	iLoc	??? ???	-
CLL	5.29	310.5	Pn	06:44:43.200	0.5	T__				14640692	FDSN	IR	--	ISC	iLoc	??? ???	-
CLL	5.29	310.5	x	06:44:43.400	-99.0	---		21.6	0.60	14640693	FDSN	IR	--	ISC	iLoc	??? ???	-
CLL	5.29	310.5	Lg	06:46:15.000	3.5	T__		30.0	0.80	14640694	FDSN	IR	--	ISC	iLoc	??? ???	-
HVAR	5.30	204.3	Pn	06:44:44.470	0.2	T__				14640695	FDSN	IR	--	ISC	iLoc	??? ???	-
HVAR	5.30	204.3	Sn	06:45:44.340	-0.8	T__				14640696	FDSN	IR	--	ISC	iLoc	??? ???	-
STON	5.31	193.8	Pn	06:44:44.270	0.0	T__				14640697	FDSN	IR	--	ISC	iLoc	??? ???	-
STON	5.31	193.8	Sn	06:45:44.750	-0.1	T__				14640698	FDSN	IR	--	ISC	iLoc	??? ???	-
WATA	5.35	265.3	Pn	06:44:44.729	0.7	T__	5.1	2.1	0.44	14640699	FDSN	IR	--	ISC	iLoc	??? ???	-
TREB	5.38	188.5	Pn	06:44:39.900	-5.1	---				14640700	FDSN	IR	--	ISC	iLoc	??? ???	-
PLOR	5.41	111.2	Pn	06:44:44.175	-1.7	T__				14640701	FDSN	IR	--	ISC	iLoc	??? ???	-
VRI	5.46	110.8	Pn	06:44:45.667	-0.8	T__				14640702	FDSN	IR	--	ISC	iLoc	??? ???	-
VRI	5.46	110.8	x	06:44:45.900	-99.0	---		20.4	0.90	14640703	FDSN	IR	--	ISC	iLoc	??? ???	-
SQTA	5.61	264.6	Pn	06:44:48.237	0.6	T__		2.3	0.36	14640704	FDSN	IR	--	ISC	iLoc	??? ???	-
PDG	5.62	181.3	x	06:44:48.300	-99.0	---		30.7	1.60	14640705	FDSN	IR	--	ISC	iLoc	??? ???	-
PDG	5.62	181.3	Pn	06:44:48.400	0.5	T__				14640706	FDSN	IR	--	ISC	iLoc	??? ???	-
MOTA	5.66	266.0	Pn	06:44:48.939	0.5	T__		1.5	0.46	14640707	FDSN	IR	--	ISC	iLoc	??? ???	-
MOX	5.73	299.9	x	06:44:50.000	-99.0	---		11.1	0.90	14640708	FDSN	IR	--	ISC	iLoc	??? ???	-
DRME	5.86	181.7	Pn	06:44:49.700	-1.9	T__				14640709	FDSN	IR	--	ISC	iLoc	??? ???	-
RETA	5.87	267.7	Pn	06:44:51.006	-0.0	T__	5.4	1.6	0.40	14640710	FDSN	IR	--	ISC	iLoc	??? ???	-
BOSS	5.95	157.6	Pn	06:44:52.500	0.1	T__				14640711	FDSN	IR	--	ISC	iLoc	??? ???	-
FETA	5.98	263.3	Pn	06:44:52.845	-0.0	T__	8.6	2.8	0.52	14640712	FDSN	IR	--	ISC	iLoc	??? ???	-
SORM	5.98	85.8	Pn	06:44:52.087	-0.8	T__				14640713	FDSN	IR	--	ISC	iLoc	??? ???	-
VTs	6.06	152.3	Pn	06:44:52.316	-1.9	T__				14640714	FDSN	IR	--	ISC	iLoc	??? ???	-
VTs	6.06	152.3	x	06:44:54.100	-99.0	---		10.6	2.50	14640715	FDSN	IR	--	ISC	iLoc	??? ???	-
VTs	6.06	152.3	Sn	06:46:02.902	-0.4	T__				14640716	FDSN	IR	--	ISC	iLoc	??? ???	-
UBR	6.28	270.1	x	06:44:57.200	-99.0	---		36.1	0.80	14640717	FDSN	IR	--	ISC	iLoc	??? ???	-
KIS	6.45	95.9	Pn	06:44:55.500	-4.2	T__		40.0	0.20	14640718	FDSN	IR	--	ISC	iLoc	??? ???	-

KIS	6.45	95.9	pmax	23:59:59.590	-99.0	---	40.0	0.20	---	14640720	FDSN	IR	--	ISC	iLoc	??? ???	-	
DAVA	6.49	266.8	Pn	06:44:59.938	-0.0	T__	10.2	3.1	0.38	---	14640721	FDSN	IR	--	ISC	iLoc	??? ???	-
DAVA	6.49	266.8	x	06:45:00.100	-99.0	---	---	13.6	0.80	---	14640722	FDSN	IR	--	ISC	iLoc	??? ???	-
UBBA	6.74	297.8	x	06:45:03.800	-99.0	---	---	6.4	2.70	---	14640723	FDSN	IR	--	ISC	iLoc	??? ???	-
AKASG	6.93	63.8	Pn	06:45:04.050	-1.3	T__	9.2	1.8	0.33	---	14640724	FDSN	IR	--	ISC	iLoc	??? ???	-
AKASG	6.93	63.8	Pg	06:45:04.100	-27.1	---	---	---	---	---	14640725	FDSN	IR	--	ISC	iLoc	??? ???	-
AKASG	6.93	63.8	Sn	06:46:21.250	-4.2	T__	6.5	2.6	0.33	---	14640726	FDSN	IR	--	ISC	iLoc	??? ???	-
AKASG	6.93	63.8	Lg	06:46:55.650	-13.5	---	2.5	1.6	0.33	---	14640727	FDSN	IR	--	ISC	iLoc	??? ???	-
CLZ	6.97	306.4	x	06:45:07.400	-99.0	---	---	10.8	0.90	---	14640728	FDSN	IR	--	ISC	iLoc	??? ???	-
TUE	7.04	260.8	x	06:45:08.300	-99.0	---	---	7.2	0.80	---	14640729	FDSN	IR	--	ISC	iLoc	??? ???	-
BFO	7.42	276.3	x	06:45:12.300	-99.0	---	---	15.2	2.70	---	14640730	FDSN	IR	--	ISC	iLoc	??? ???	-
TNS	7.52	290.9	x	06:45:14.400	-99.0	---	---	16.6	0.80	---	14640731	FDSN	IR	--	ISC	iLoc	??? ???	-
BNALP	7.55	265.1	x	06:45:14.500	-99.0	---	---	11.9	0.80	---	14640732	FDSN	IR	--	ISC	iLoc	??? ???	-
CDF	8.12	277.1	Pn	06:45:26.200	4.1	T__	---	---	---	---	14640733	FDSN	IR	--	ISC	iLoc	??? ???	-
CDF	8.12	277.1	Sn	06:46:46.400	-4.4	T__	---	0.4	0.30	---	14640734	FDSN	IR	--	ISC	iLoc	??? ???	-
CDF	8.12	277.1	Lg	06:47:37.700	-4.6	T__	---	1.0	0.46	---	14640735	FDSN	IR	--	ISC	iLoc	??? ???	-
MICGM	8.36	36.2	Pn	06:45:21.860	-2.3	T__	---	1.0	0.68	---	14640736	FDSN	IR	--	ISC	iLoc	??? ???	-
MICGM	8.36	36.2	Pn	06:45:21.860	-2.3	T__	---	6.0	0.68	---	14640737	FDSN	IR	--	ISC	iLoc	??? ???	-
MICGM	8.36	36.2	Pn	06:45:21.860	-2.3	T__	---	3.0	0.68	---	14640738	FDSN	IR	--	ISC	iLoc	??? ???	-
MICGM	8.36	36.2	Sn	06:46:57.370	-2.5	T__	---	---	---	---	14640739	FDSN	IR	--	ISC	iLoc	??? ???	-
MICGM	8.36	36.2	MLR	06:48:52.770	-99.0	---	---	75.0	17.25	---	14640740	FDSN	IR	--	ISC	iLoc	??? ???	-
MICGM	8.36	36.2	MLR	06:48:55.640	-99.0	---	---	7.0	17.25	---	14640741	FDSN	IR	--	ISC	iLoc	??? ???	-
MICGM	8.36	36.2	MLR	06:49:01.710	-99.0	---	---	135.0	17.25	---	14640742	FDSN	IR	--	ISC	iLoc	??? ???	-
HAU	8.77	274.6	Pn	06:45:32.600	1.7	T__	---	---	---	---	14640743	FDSN	IR	--	ISC	iLoc	??? ???	-
LPG	9.06	258.4	Pn	06:45:36.700	1.6	T__	---	---	---	---	14640744	FDSN	IR	--	ISC	iLoc	??? ???	-
LPG	9.06	258.4	Sn	06:47:09.100	-5.3	T__	---	0.1	0.22	---	14640745	FDSN	IR	--	ISC	iLoc	??? ???	-
LPL	9.07	258.5	Pn	06:45:36.200	1.2	T__	---	---	---	---	14640746	FDSN	IR	--	ISC	iLoc	??? ???	-
LPL	9.07	258.5	Sn	06:47:09.200	-4.9	T__	---	0.2	0.27	---	14640747	FDSN	IR	--	ISC	iLoc	??? ???	-
PAGF	9.15	278.3	Pn	06:45:38.900	2.6	T__	---	---	---	---	14640748	FDSN	IR	--	ISC	iLoc	??? ???	-
CABF	9.17	265.9	Pn	06:45:38.400	1.9	T__	---	---	---	---	14640749	FDSN	IR	--	ISC	iLoc	??? ???	-
CABF	9.17	265.9	Sn	06:47:11.600	-3.5	T__	---	0.2	0.30	---	14640750	FDSN	IR	--	ISC	iLoc	??? ???	-
BNI	9.28	255.9	x	06:45:38.700	-99.0	---	---	10.0	1.40	---	14640751	FDSN	IR	--	ISC	iLoc	??? ???	-
MBDF	9.35	253.9	Pn	06:45:36.500	-2.1	T__	---	---	---	---	14640752	FDSN	IR	--	ISC	iLoc	??? ???	-
MBDF	9.35	253.9	Sn	06:47:15.800	-4.7	T__	---	---	---	---	14640753	FDSN	IR	--	ISC	iLoc	??? ???	-
MBDF	9.35	253.9	Lg	06:48:15.900	-4.6	---	---	0.3	0.30	---	14640754	FDSN	IR	--	ISC	iLoc	??? ???	-
MEZF	9.60	278.1	Pn	06:45:46.300	3.8	T__	---	---	---	---	14640755	FDSN	IR	--	ISC	iLoc	??? ???	-
MEZF	9.60	278.1	Sn	06:47:21.500	-4.8	T__	---	0.6	0.36	---	14640756	FDSN	IR	--	ISC	iLoc	??? ???	-
SFTF	9.62	276.3	Pn	06:45:45.600	2.8	T__	---	---	---	---	14640757	FDSN	IR	--	ISC	iLoc	??? ???	-
SFTF	9.62	276.3	Sn	06:47:22.100	-4.1	T__	---	0.8	0.41	---	14640758	FDSN	IR	--	ISC	iLoc	??? ???	-
ORIF	9.85	256.5	Pn	06:45:47.200	1.5	T__	---	---	---	---	14640759	FDSN	IR	--	ISC	iLoc	??? ???	-
ORIF	9.85	256.5	x	06:45:47.300	-99.0	---	---	14.1	0.80	---	14640760	FDSN	IR	--	ISC	iLoc	??? ???	-
ORIF	9.85	256.5	Sn	06:47:27.300	-5.6	T__	---	0.6	0.47	---	14640761	FDSN	IR	--	ISC	iLoc	??? ???	-
BAIF	10.19	287.1	Pn	06:45:53.400	2.5	T__	---	---	---	---	14640762	FDSN	IR	--	ISC	iLoc	??? ???	-
BAIF	10.19	287.1	Sn	06:47:35.900	-6.3	T__	---	0.1	0.20	---	14640763	FDSN	IR	--	ISC	iLoc	??? ???	-
SMRF	10.46	252.2	Pn	06:45:56.600	2.5	T__	---	---	---	---	14640764	FDSN	IR	--	ISC	iLoc	??? ???	-
SMRF	10.46	252.2	Sn	06:47:41.700	-5.7	T__	---	0.2	0.25	---	14640765	FDSN	IR	--	ISC	iLoc	??? ???	-
LOR	10.53	271.5	Pn	06:45:58.500	3.7	T__	---	---	---	---	14640766	FDSN	IR	--	ISC	iLoc	??? ???	-
LOR	10.53	271.5	Sn	06:47:43.800	-1.8	T__	---	0.1	0.19	---	14640767	FDSN	IR	--	ISC	iLoc	??? ???	-
VIVF	10.67	258.1	Pn	06:45:55.900	-0.7	T__	---	---	---	---	14640768	FDSN	IR	--	ISC	iLoc	??? ???	-
VIVF	10.67	258.1	Sn	06:47:47.000	-5.1	T__	---	0.1	0.21	---	14640769	FDSN	IR	--	ISC	iLoc	??? ???	-
SMF	10.67	268.2	Pn	06:45:59.700	3.3	T__	---	---	---	---	14640770	FDSN	IR	--	ISC	iLoc	??? ???	-
SMF	10.67	268.2	Sn	06:47:48.000	-0.5	T__	---	0.2	0.24	---	14640771	FDSN	IR	--	ISC	iLoc	??? ???	-
SSF	10.81	270.7	Pn	06:46:01.500	3.1	T__	---	---	---	---	14640772	FDSN	IR	--	ISC	iLoc	??? ???	-

SSF	10.81	270.7	Sn	06:47:50.500	-1.2	T__		0.1	0.25	---	14640773	FDSN	IR	--	ISC	iLoc	???	???	-
AVF	10.97	269.4	Pn	06:46:01.000	0.7	T__				---	14640774	FDSN	IR	--	ISC	iLoc	???	???	-
AVF	10.97	269.4	Sn	06:47:54.200	-0.9	T__		0.1	0.28	---	14640775	FDSN	IR	--	ISC	iLoc	???	???	-
VSU	11.31	19.9	Pn	06:46:04.100	1.2	T__				---	14640776	FDSN	IR	--	ISC	iLoc	???	???	-
HYF	11.35	272.3	Pn	06:46:09.400	3.4	T__				---	14640777	FDSN	IR	--	ISC	iLoc	???	???	-
BGF	11.36	268.6	Pn	06:46:06.400	0.8	T__				---	14640778	FDSN	IR	--	ISC	iLoc	???	???	-
BGF	11.36	268.6	Sn	06:48:03.400	-1.2	T__		0.6	0.32	---	14640779	FDSN	IR	--	ISC	iLoc	???	???	-
APE	11.85	155.5	Pn	06:46:15.000	-0.3	T__				---	14640780	FDSN	IR	--	ISC	iLoc	???	???	-
APE	11.85	155.5	pmax	23:59:59.590	-99.0	---		64.0	1.20	---	14640781	FDSN	IR	--	ISC	iLoc	???	???	-
OBN	12.78	50.0	Pn	06:46:23.700	1.9	T__				---	14640782	FDSN	IR	--	ISC	iLoc	???	???	-
OBN	12.78	50.0	Sn	06:48:44.400	1.2	T__				---	14640783	FDSN	IR	--	ISC	iLoc	???	???	-
OBN	12.78	50.0	pmax	23:59:59.590	-99.0	---		3.0	0.90	---	14640784	FDSN	IR	--	ISC	iLoc	???	???	-
OBN	12.78	50.0	MLR	23:59:59.590	-99.0	---		75.0	16.00	---	14640785	FDSN	IR	--	ISC	iLoc	???	???	-
ANN	12.84	98.0	Pn	06:46:29.600	3.2	T__				---	14640786	FDSN	IR	--	ISC	iLoc	???	???	-
BRTR	13.19	123.9	LR	06:52:03.420	-99.0	---		25.7	18.40	---	14640787	FDSN	IR	--	ISC	iLoc	???	???	-
MFF	13.35	271.1	Pn	06:46:35.800	3.2	T__				---	14640788	FDSN	IR	--	ISC	iLoc	???	???	-
MFF	13.35	271.1	Sn	06:48:51.400	-1.3	T__		0.1	0.24	---	14640789	FDSN	IR	--	ISC	iLoc	???	???	-
FINES	13.95	13.4	Pn	06:46:38.700	0.9	T__				---	14640790	FDSN	IR	--	ISC	iLoc	???	???	-
FINES	13.95	13.4	P	06:46:38.726	-11.1	---	2.5	0.1	0.33	---	14640791	FDSN	IR	--	ISC	iLoc	???	???	-
FINES	13.95	13.4	Sn	06:49:06.151	-2.6	T__	4.0	0.2	0.33	---	14640792	FDSN	IR	--	ISC	iLoc	???	???	-
VALR	14.86	21.9	Pn	06:46:54.400	5.4	---				---	14640793	FDSN	IR	--	ISC	iLoc	???	???	-
VALR	14.86	21.9	pmax	23:59:59.590	-99.0	---		32.0	1.00	---	14640794	FDSN	IR	--	ISC	iLoc	???	???	-
ARU	25.09	55.8	P	06:48:48.000	-0.6	T__				---	14640795	FDSN	IR	--	ISC	iLoc	???	???	-
ARU	25.09	55.8	pmax	23:59:59.590	-99.0	---		3.0	1.10	---	14640796	FDSN	IR	--	ISC	iLoc	???	???	-
BRVK	32.13	61.7	P	06:49:51.800	0.3	T__				---	14640797	FDSN	IR	--	ISC	iLoc	???	???	-
BRVK	32.13	61.7	pmax	23:59:59.590	-99.0	---		1.0	1.00	---	14640798	FDSN	IR	--	ISC	iLoc	???	???	-
KURK	37.74	63.1	P	06:50:39.800	-0.0	T__				---	14640799	FDSN	IR	--	ISC	iLoc	???	???	-
KURK	37.74	63.1	pmax	23:59:59.590	-99.0	---		1.0	1.00	---	14640800	FDSN	IR	--	ISC	iLoc	???	???	-
MKAR	41.50	67.3	P	06:51:13.197	2.0	T__	2.7	0.2	0.52	---	14640801	FDSN	IR	--	ISC	iLoc	???	???	-
MKAR	41.50	67.3	P	06:51:13.200	2.0	T__				---	14640802	FDSN	IR	--	ISC	iLoc	???	???	-
TIXI	50.76	22.7	P	06:52:25.300	1.5	T__				---	14640803	FDSN	IR	--	ISC	iLoc	???	???	-
SONM	55.13	55.1	P	06:52:58.500	2.0	T__				---	14640804	FDSN	IR	--	ISC	iLoc	???	???	-
SONM	55.13	55.1	P	06:52:58.540	2.0	T__	4.8	0.7	0.70	---	14640805	FDSN	IR	--	ISC	iLoc	???	???	-
YKA	63.89	338.2	P	06:53:58.100	1.6	T__				---	14640806	FDSN	IR	--	ISC	iLoc	???	???	-
YKA	63.89	338.2	P	06:53:58.136	1.6	T__	2.0	0.3	0.90	---	14640807	FDSN	IR	--	ISC	iLoc	???	???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/01/01	10:27:44.90	0.09	0.19	48.0443	19.4479	1.4	0.5	27	12.9F	1.0	14		181	0.33	2.28	a	ke IPEC	14511603	ISC			360
2015/01/01	10:27:44.11	0.92	0.99	48.0195	19.4411	3.2	3.1	158	6.9F	6.9	48	16	65	0.32	2.29	m	ke BUD	14640978	iLoc			99

Magnitude	Err	Nsta	Author	OrigID
ML	1.5		IPEC	14511603
ML	2.0	0.3	8 BUD	14640978

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.32	108.2	Pg	10:27:51.317	0.1					T__	3.4	0.3		_c	MLv	1.7	14640980	FDSN	GE	--	BUD	iLoc	BHN	BHZ	_
PSZ	0.32	108.2	Lg	10:27:56.889	0.2					T__				---		14640981	FDSN	GE	--	BUD	iLoc	BHE	???	???	_
PSZ	0.32	108.2	Sg	10:27:56.220	-0.4					T__				---		14640982	FDSN	IR	--	ISC	iLoc	???	???	???	_
(Station ML : 1.7 1																									
BUD	0.61	207.9	Pg	10:27:55.686	-1.0					T__	1.7	0.2		---	MLv	2.0	14640983	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BUD	0.61	207.9	Lg	10:28:05.198	-0.9					T__				---		14640984	FDSN	HU	--	BUD	iLoc	BHN	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/01/01	10:45:55.20	0.50		48.1740	19.5440	0.1	0.1		0.0F	0.0	30			2.06	6.15	a	ke	BEO	14511681	ISC		360

2015/01/01 10:45:58.10	1.44	48.0300	19.4300	10.0A	84	2.39	6.47	a	ke CSEM	14511702	ISC	360							
2015/01/01 10:45:58.00		48.0300	19.4200	10.0A				a	ke GFZ	14511708	ISC	360							
2015/01/01 10:45:56.41	0.86	1.12	47.9543	19.3719	16.4	7.7	10	0.0A	15	136	2.29	55.21	a	ke IDC	14511684	ISC	360		
2015/01/01 10:45:57.30	0.06	0.33	48.0201	19.4224	0.7	0.5	24	14.0F	0.6	35	99	0.33	2.56	a	ke IPEC	14511694	ISC	360	
2015/01/01 10:45:59.20	0.09	0.98	48.0176	19.3866	3.2	2.0	16	4.0A		32	0.36	15.12	a	ke LDG	14511705	ISC	360		
2015/01/01 10:45:57.50	1.91		48.0150	19.4060	7.1	5.6	115	19.0A	40				a	ke MOS	14511697	ISC	360		
2015/01/01 10:45:57.70	0.00		48.0300	19.3600				8.0A	34				a	ke PRU	14511700	ISC	360		
2015/01/01 10:45:56.88	1.07	0.98	48.0225	19.4477	2.9	2.6	127	5.6F	7.6	67	30	45	0.32	6.87	m	ke BUD	14369839	iLoc	52

Magnitude	Err	Nsta	Author	OrigID
ML	3.9		BEO	14511681
mb	4.1		CSEM	14511702
mb	3.9		GFZ	14511708
ML	3.6		IDC	14511684
MS	2.9		IDC	14511684
Ms1	2.9		IDC	14511684
mb	3.6		IDC	14511684
mb1	3.7		IDC	14511684
mb1mx	3.5		IDC	14511684
mbtmp	3.6		IDC	14511684
ms1mx	2.5		IDC	14511684
ML	3.4		IPEC	14511694
M1	3.3		LDG	14511705
mb	3.9		MOS	14511697
ML	3.9	0.2	29 BUD	14369839

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
PSZ	0.32	109.0	Pg	10:46:04.017	0.1					T__	266.3	26.0		_c_	MLv	3.6	14369931	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	0.32	109.0	Lg	10:46:08.932	-0.3					T__							14369849	FDSN	GE	--	BUD	iLoc	BHN	???	_	
PSZ	0.34	109.1	Pg	10:46:04.160	0.6					---							14511717	FDSN	IR	--	ISC	ISC	???	???	_	
PSZ	0.34	109.1	Pg	10:46:04.438	0.3					---							14511715	FDSN	IR	--	ISC	ISC	???	???	_	
PSZ	0.34	109.1	SG	10:46:09.660	-99.0					---							14511711	FDSN	IR	--	ISC	ISC	???	???	_	
PSZ	0.34	109.1	S	10:46:09.824	-99.0					---							14511713	FDSN	IR	--	ISC	ISC	???	???	_	
(Station ML : 3.6 0																										
BUD	0.61	206.2	SG	10:46:18.010	-99.0					---							14511721	FDSN	IR	--	ISC	ISC	???	???	_	
VYHS	0.61	320.2	SG	10:46:17.700	-99.0					---							14511719	FDSN	IR	--	ISC	ISC	???	???	_	
BUD	0.61	208.1	Pg	10:46:08.492	-1.0					T__	132.6	11.6			MLv	3.9	14369856	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
BUD	0.61	208.1	Pb	10:46:08.792	-1.2					T__					_d_		14369934	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
BUD	0.61	208.1	Lg	10:46:18.462	-0.6					T__							14369992	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 3.9 1																										
VYHS	0.62	319.3	Pg	10:46:09.557	0.1					T__	217.4	2.8			MLv	3.3	14369851	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.62	319.3	Pb	10:46:09.721	-0.5					T__							14369936	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
VYHS	0.62	319.3	Lg	10:46:17.832	-0.8					T__							14369854	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 3.3 0																										
SRO	0.78	254.2	Pg	10:46:12.200	0.7					---							14511728	FDSN	IR	--	ISC	ISC	???	???	_	
SRO	0.78	254.2	SG	10:46:23.300	-99.0					---							14511726	FDSN	IR	--	ISC	ISC	???	???	_	
SRO	0.78	254.2	LG	10:46:28.500	-99.0					---							14511730	FDSN	IR	--	ISC	ISC	???	???	_	
SRO	0.78	254.2	pmax	23:59:59.590	-99.0					---		5821.0	0.50				14511723	FDSN	IR	--	ISC	ISC	???	???	_	
SRO	0.79	255.1	Pg	10:46:12.084	-0.6					T__	421.7	39.9			MLv	4.5	14369859	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
SRO	0.79	255.1	Lg	10:46:23.577	-0.9					T__							14369862	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 4.5 0																										
KECS	0.83	56.0	Pg	10:46:12.917	-0.4					T__	433.0	40.9			_c_	MLv	4.6	14369940	FDSN	SK	--	BUD	iLoc	EH	EHZ	_
KECS	0.83	56.0	Pg	10:46:12.946	-0.4					T__							14369938	FDSN	SK	--	BUD	iLoc	EHZ	???	_	

KECS	0.83	56.0	Lg	10:46:25.893	0.2	T__				14369962	FDSN	SK	--	BUD	iLoc	EHN	???	-		
KECS	0.84	57.1	SG	10:46:25.500	-99.0	---				14511735	FDSN	IR	--	ISC	ISC	???	???	-		
KECS	0.84	57.1	LG	10:46:27.300	-99.0	---				14511737	FDSN	IR	--	ISC	ISC	???	???	-		
KECS	0.84	57.1	pmax	23:59:59.590	-99.0	---		547.0	0.30	---	14511732	FDSN	IR	--	ISC	ISC	???	???	-	
(Station ML : 4.6 0																				
KOLL	0.87	309.3	Pg	10:46:14.700	0.1	---				14511741	FDSN	IR	--	ISC	ISC	???	???	-		
KOLL	0.87	309.3	SG	10:46:25.900	-99.0	---				14511739	FDSN	IR	--	ISC	ISC	???	???	-		
BSZH	0.91	142.3	Pn	10:46:15.624	0.5	T__	58.5	5.2		MLv	3.7	14369943	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	-
BSZH	0.91	142.3	Pn	10:46:15.653	0.5	T__				---	---	14369864	FDSN	HU	--	BUD	iLoc	HHZ	???	-
BSZH	0.91	142.3	Sn	10:46:29.236	-0.2	T__				---	---	14369866	FDSN	HU	--	BUD	iLoc	HHE	???	-
BSZH	0.93	141.6	Pg	10:46:15.790	0.1	---				---	---	14511745	FDSN	IR	--	ISC	ISC	???	???	-
BSZH	0.93	141.6	SG	10:46:29.830	-99.0	---				---	---	14511743	FDSN	IR	--	ISC	ISC	???	???	-
(Station ML : 3.7 1																				
CSKK	1.03	230.0	Pn	10:46:16.390	2.1	---				---	---	14511749	FDSN	IR	--	ISC	ISC	???	???	-
CSKK	1.03	230.0	SN	10:46:32.710	-99.0	---				---	---	14511747	FDSN	IR	--	ISC	ISC	???	???	-
CSKK	1.04	231.0	Pn	10:46:16.274	-0.6	T__	999.9	14.4		MLv	4.2	14369868	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	-
CSKK	1.04	231.0	Pn	10:46:16.284	-0.6	T__				---	---	14369946	FDSN	HU	--	BUD	iLoc	SHZ	???	-
CSKK	1.04	231.0	Lg	10:46:32.433	-0.2	T__				---	---	14369964	FDSN	HU	--	BUD	iLoc	SHN	???	-
(Station ML : 4.2 1																				
LANS	1.12	1.6	SG	10:46:34.300	-99.0	---				---	---	14511754	FDSN	IR	--	ISC	ISC	???	???	-
LANS	1.12	1.6	LG	10:46:36.800	-99.0	---				---	---	14511756	FDSN	IR	--	ISC	ISC	???	???	-
LANS	1.12	1.6	pmax	23:59:59.590	-99.0	---		641.0	0.30	---	---	14511751	FDSN	IR	--	ISC	ISC	???	???	-
LANS	1.13	0.7	Pg	10:46:19.209	0.2	T__	464.8	5.6		MLv	3.9	14369948	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	-
LANS	1.13	0.7	Pg	10:46:19.238	0.2	T__				---	---	14369871	FDSN	SK	--	BUD	iLoc	EHZ	???	-
LANS	1.13	0.7	Sn	10:46:34.144	-1.1	T__				---	---	14369873	FDSN	SK	--	BUD	iLoc	EHE	???	-
(Station ML : 3.9 1																				
SMOL	1.42	290.7	Pn	10:46:22.800	1.0	---				---	---	14511763	FDSN	IR	--	ISC	ISC	???	???	-
SMOL	1.42	290.7	Pg	10:46:25.200	0.0	---				---	---	14511765	FDSN	IR	--	ISC	ISC	???	???	-
SMOL	1.42	290.7	SG	10:46:44.500	-99.0	---				---	---	14511761	FDSN	IR	--	ISC	ISC	???	???	-
SMOL	1.42	290.7	LG	10:46:47.100	-99.0	---				---	---	14511767	FDSN	IR	--	ISC	ISC	???	???	-
SMOL	1.42	290.7	pmax	23:59:59.590	-99.0	---		297.0	0.40	---	---	14511758	FDSN	IR	--	ISC	ISC	???	???	-
JAVC	1.43	306.1	Pg	10:46:23.800	1.6	---				---	---	14511772	FDSN	IR	--	ISC	ISC	???	???	-
JAVC	1.43	306.1	Sg	10:46:42.400	-99.0	---		661.1	0.77	---	---	14511769	FDSN	IR	--	ISC	ISC	???	???	-
MODS	1.47	284.3	P	10:46:22.600	-99.0	---				---	---	14511781	FDSN	IR	--	ISC	ISC	???	???	-
MODS	1.47	284.3	Pg	10:46:26.300	0.0	---				---	---	14511779	FDSN	IR	--	ISC	ISC	???	???	-
MODS	1.47	284.3	SG	10:46:44.700	-99.0	---				---	---	14511777	FDSN	IR	--	ISC	ISC	???	???	-
MODS	1.47	284.3	LG	10:46:45.800	-99.0	---				---	---	14511783	FDSN	IR	--	ISC	ISC	???	???	-
MODS	1.47	284.3	pmax	23:59:59.590	-99.0	---		660.0	0.40	---	---	14511774	FDSN	IR	--	ISC	ISC	???	???	-
NIE	1.51	22.4	Pg	10:46:25.760	1.1	---				---	---	14511787	FDSN	IR	--	ISC	ISC	???	???	-
NIE	1.51	22.4	Sg	10:46:46.230	-99.0	---				---	---	14511785	FDSN	IR	--	ISC	ISC	???	???	-
NIE	1.51	22.0	Pg	10:46:25.318	-0.7	T__	17.0	0.9		MLv	3.3	14369875	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	-
NIE	1.51	22.0	Pg	10:46:25.347	-0.7	T__				_d	---	14369956	FDSN	PL	--	BUD	iLoc	BHZ	???	-
NIE	1.51	22.0	Sn	10:46:45.774	0.6	T__				---	---	14369878	FDSN	PL	--	BUD	iLoc	BHE	???	-
(Station ML : 3.3 0																				
EGYH	1.54	247.3	Pn	10:46:21.420	4.0	---				---	---	14511793	FDSN	IR	--	ISC	ISC	???	???	-
EGYH	1.54	247.3	SN	10:46:44.860	-99.0	---				---	---	14511791	FDSN	IR	--	ISC	ISC	???	???	-
MPLH	1.54	236.6	SN	10:46:51.180	-99.0	---				---	---	14511789	FDSN	IR	--	ISC	ISC	???	???	-
MPLH	1.55	237.3	Pn	10:46:25.154	1.1	T__	72.4	3.5		MLv	3.9	14369951	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	-
MPLH	1.55	237.3	Pn	10:46:25.163	1.1	T__				_d	---	14369954	FDSN	HU	--	BUD	iLoc	BH	???	-
MPLH	1.55	237.3	Lg	10:46:48.646	-0.2	T__				---	---	14369966	FDSN	HU	--	BUD	iLoc	BHN	???	-
(Station ML : 3.9 1																				
ZST	1.56	277.0	Pg	10:46:27.400	0.5	---				---	---	14511800	FDSN	IR	--	ISC	ISC	???	???	-
ZST	1.56	277.0	Sg	10:46:47.600	0.6	---				---	---	14511798	FDSN	IR	--	ISC	ISC	???	???	-

ZST	1.56	277.0	LG	10:46:50.000	-99.0	---				14511802	FDSN	IR	--	ISC	ISC	???	???	-		
ZST	1.56	277.0	pmax	23:59:59.590	-99.0	---		2083.0	0.80	---	14511795	FDSN	IR	--	ISC	ISC	???	???	-	
ZST	1.58	277.2	Pn	10:46:24.718	0.2	T_				_d	14369958	FDSN	SK	--	BUD	iLoc	HHZ	???	-	
ZST	1.58	277.2	Pn	10:46:24.766	0.2	T_	14.2	17.3		MLv	4.6	14369880	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	-
ZST	1.58	277.2	Sn	10:46:47.011	1.5	T_				---	14369968	FDSN	SK	--	BUD	iLoc	HHN	???	-	
(Station ML : 4.6 0)																				
CRVS	1.61	56.5	Pg	10:46:28.100	0.9	---				---	14511806	FDSN	IR	--	ISC	ISC	???	???	-	
CRVS	1.61	56.5	SG	10:46:50.400	-99.0	---				---	14511804	FDSN	IR	--	ISC	ISC	???	???	-	
CRVS	1.61	56.5	LG	10:46:54.000	-99.0	---				---	14511808	FDSN	IR	--	ISC	ISC	???	???	-	
LTVH	1.78	110.2	Pn	10:46:28.441	1.0	T_	24.4	5.9		MLv	4.3	14369883	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	-
LTVH	1.78	110.2	Lg	10:46:57.230	-1.6	T_				---	14369970	FDSN	HU	--	BUD	iLoc	SHN	???	-	
LTVH	1.79	110.2	SN	10:46:57.020	-99.0	---				---	14511810	FDSN	IR	--	ISC	ISC	???	???	-	
(Station ML : 4.3 1)																				
AMBH	1.89	152.0	Pn	10:46:29.829	1.1	T_	10.4	2.3		MLv	3.9	14369886	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	-
AMBH	1.90	151.6	SN	10:46:59.940	-99.0	---				---	14511812	FDSN	IR	--	ISC	ISC	???	???	-	
(Station ML : 3.9 1)																				
SUBS	1.93	175.2	Pn	10:46:30.800	-99.0	---				---	14511816	FDSN	IR	--	ISC	ISC	???	???	-	
SUBS	1.93	175.2	Sn	10:46:58.600	-99.0	---				---	14511814	FDSN	IR	--	ISC	ISC	???	???	-	
SOP	1.98	261.2	Pn	10:46:30.260	0.2	T_	20.6	1.1		MLv	3.6	14369889	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	-
SOP	1.98	261.2	Sn	10:46:55.459	0.4	T_				---	14369972	FDSN	HU	--	BUD	iLoc	BHN	???	-	
(Station ML : 3.6 1)																				
OKC	1.99	335.6	PN	10:46:31.700	-99.0	---				---	14511820	FDSN	IR	--	ISC	ISC	???	???	-	
OKC	1.99	335.6	SN	10:46:56.300	-99.0	---				---	14511818	FDSN	IR	--	ISC	ISC	???	???	-	
OKC	2.01	335.2	Pn	10:46:32.155	1.7	T_	9.5	0.7		MLv	3.4	14369892	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	-
OKC	2.01	335.2	Sn	10:46:55.867	-1.0	T_				---	14369974	FDSN	CZ	--	BUD	iLoc	BHN	???	-	
(Station ML : 3.4 0)																				
UZH	2.01	71.5	P	10:46:30.000	-99.0	---				---	14511824	FDSN	IR	--	ISC	ISC	???	???	-	
UZH	2.01	71.5	S	10:46:54.000	-99.0	---				---	14511822	FDSN	IR	--	ISC	ISC	???	???	-	
UZH	2.01	71.5	MLR	23:59:59.590	-99.0	---		200.0	1.00	---	14511826	FDSN	IR	--	ISC	ISC	???	???	-	
CEI	2.08	98.5	Pn	10:46:32.985	0.1	---				---	14511829	FDSN	IR	--	ISC	ISC	???	???	-	
KOLS	2.09	63.1	Pn	10:46:32.897	0.8	T_	10.5	2.9		MLv	4.1	14369895	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	-
KOLS	2.09	63.1	Pg	10:46:38.081	1.2	T_				---	14369994	FDSN	SK	--	BUD	iLoc	HHZ	???	-	
(Station ML : 4.1 1)																				
LOSC	2.09	320.4	Pn	10:46:32.600	-99.0	---				---	14511834	FDSN	IR	--	ISC	ISC	???	???	-	
LOSC	2.09	320.4	Sn	10:46:58.500	-99.0	---		282.1	0.51	---	14511831	FDSN	IR	--	ISC	ISC	???	???	-	
KOLS	2.10	63.5	Pn	10:46:32.600	0.7	---				---	14511839	FDSN	IR	--	ISC	ISC	???	???	-	
KOLS	2.10	63.5	Pg	10:46:37.500	0.8	---				---	14511841	FDSN	IR	--	ISC	ISC	???	???	-	
KOLS	2.10	63.5	LG	10:47:17.600	-99.0	---				---	14511843	FDSN	IR	--	ISC	ISC	???	???	-	
KOLS	2.10	63.5	pmax	23:59:59.590	-99.0	---		220.0	0.70	---	14511836	FDSN	IR	--	ISC	ISC	???	???	-	
(Station ML : 4.1 1)																				
MORC	2.14	325.4	Pn	10:46:33.300	0.6	---				---	14511852	FDSN	IR	--	ISC	ISC	???	???	-	
MORC	2.14	325.4	Pn	10:46:33.537	0.3	---				---	14511850	FDSN	IR	--	ISC	ISC	???	???	-	
MORC	2.14	325.4	S	10:46:59.792	-99.0	---				---	14511848	FDSN	IR	--	ISC	ISC	???	???	-	
MORC	2.14	325.4	Sn	10:46:59.800	-99.0	---		241.3	0.46	---	14511845	FDSN	IR	--	ISC	ISC	???	???	-	
OJC	2.21	6.3	Pn	10:46:34.560	0.1	---				---	14511856	FDSN	IR	--	ISC	ISC	???	???	-	
OJC	2.21	6.3	Pg	10:46:39.310	-99.0	---				---	14511858	FDSN	IR	--	ISC	ISC	???	???	-	
OJC	2.21	6.3	Sg	10:47:06.960	-99.0	---				---	14511854	FDSN	IR	--	ISC	ISC	???	???	-	
RAC	2.21	339.0	P	10:46:41.000	-99.0	---				---	14511860	FDSN	IR	--	ISC	ISC	???	???	-	
OJC	2.21	5.8	Pn	10:46:35.651	1.8	T_		0.6		MLv	14369842	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	-	
OJC	2.21	5.8	Sn	10:47:00.908	-2.6	T_				---	14369976	FDSN	PL	--	BUD	iLoc	BHN	???	-	
(Station ML : 3.5 0)																				
KRUC	2.26	298.3	Pn	10:46:34.300	1.1	---				---	14511867	FDSN	IR	--	ISC	ISC	???	???	-	
KRUC	2.26	298.3	Sn	10:47:02.600	-99.0	---		122.6	0.61	---	14511864	FDSN	IR	--	ISC	ISC	???	???	-	

VRAC	2.27	305.4	Pn	10:46:34.945	-99.0	---	40.7	0.33	---	14511877	FDSN	IR	--	ISC	ISC	???	???	-	
VRAC	2.27	305.4	Pn	10:46:35.013	0.5	---	---	---	---	14511875	FDSN	IR	--	ISC	ISC	???	???	-	
VRAC	2.27	305.4	Sn	10:47:02.695	-99.0	---	33.9	0.33	---	14511872	FDSN	IR	--	ISC	ISC	???	???	-	
VRAC	2.27	305.4	Sn	10:47:03.100	-99.0	---	130.3	0.49	---	14511869	FDSN	IR	--	ISC	ISC	???	???	-	
VRAC	2.27	305.4	LR	10:47:44.210	-99.0	---	173.7	18.97	---	14511880	FDSN	IR	--	ISC	ISC	???	???	-	
SIRR	2.33	138.3	Pn	10:46:35.217	1.2	---	---	---	---	14511883	FDSN	IR	--	ISC	ISC	???	???	-	
BEHE	2.38	230.1	Pn	10:46:39.400	2.3	---	---	---	---	14511889	FDSN	IR	--	ISC	ISC	???	???	-	
BEHE	2.38	230.1	Pn	10:46:39.570	2.5	---	---	---	---	14511887	FDSN	IR	--	ISC	ISC	???	???	-	
BEHE	2.38	230.1	SN	10:47:09.050	-99.0	---	---	---	---	14511885	FDSN	IR	--	ISC	ISC	???	???	-	
CONA	2.39	268.9	Pn	10:46:36.468	-99.0	---	33.3	0.32	---	14511894	FDSN	IR	--	ISC	ISC	???	???	-	
CONA	2.39	268.9	Sn	10:47:05.599	-99.0	---	98.4	0.40	---	14511891	FDSN	IR	--	ISC	ISC	???	???	-	
BEHE	2.39	230.5	Sn	10:47:08.391	2.2	T__	---	---	---	14369960	FDSN	HU	--	BUD	iLoc	BHN	???	-	
DRGR	2.54	117.9	Pn	10:46:38.617	0.3	T__	11.8	1.9	---	MLv	4.2	14369898	FDSN	RO	--	BUD	iLoc	BHZ BHZ	
DRGR	2.54	117.9	Sn	10:47:08.805	-1.2	T__	---	---	---	---	---	14369996	FDSN	RO	--	BUD	iLoc	BHN ???	
DRGR	2.56	117.8	Pn	10:46:38.400	-99.0	---	---	---	---	---	---	14511897	FDSN	IR	--	ISC	ISC	???	???
(Station ML : 4.2 1																			
TIM	2.61	151.0	Pn	10:46:39.948	0.2	---	---	---	---	14511901	FDSN	IR	--	ISC	ISC	???	???	-	
TIM	2.61	151.0	S	10:47:12.916	-99.0	---	---	---	---	14511899	FDSN	IR	--	ISC	ISC	???	???	-	
KOGS	2.68	234.9	Sn	10:47:13.840	-99.0	---	---	---	---	14511903	FDSN	IR	--	ISC	ISC	???	???	-	
KRLC	2.68	320.7	PN	10:46:41.300	-99.0	---	---	---	---	14511907	FDSN	IR	--	ISC	ISC	???	???	-	
KRLC	2.68	320.7	SN	10:47:13.300	-99.0	---	---	---	---	14511905	FDSN	IR	--	ISC	ISC	???	???	-	
KOGS	2.69	235.3	Pn	10:46:41.252	1.1	T__	8.9	1.2	---	MLv	4.1	14369901	FDSN	SL	--	BUD	iLoc	BHZ BHZ	
KOGS	2.69	235.3	Lg	10:47:27.477	2.0	T__	---	---	---	---	---	14369978	FDSN	SL	--	BUD	iLoc	BHE ???	
(Station ML : 4.1 1																			
ARSA	2.75	255.0	Sn	10:47:14.243	-99.0	---	56.6	0.42	---	14511913	FDSN	IR	--	ISC	ISC	???	???	-	
ARSA	2.76	255.2	Pn	10:46:41.784	0.8	T__	5.8	0.5	---	MLv	3.7	14369904	FDSN	OE	--	BUD	iLoc	BHZ BHZ	
ARSA	2.76	255.2	Pg	10:46:49.662	-0.2	T__	---	---	---	---	---	14370000	FDSN	OE	--	BUD	iLoc	BHZ ???	
ARSA	2.76	255.2	Sn	10:47:14.527	0.3	T__	---	---	---	---	---	14369998	FDSN	OE	--	BUD	iLoc	BHN ???	
(Station ML : 3.7 1																			
BMR	2.77	95.9	Pn	10:46:41.408	1.0	---	---	---	---	14511918	FDSN	IR	--	ISC	ISC	???	???	-	
BMR	2.77	95.9	S	10:47:14.950	-99.0	---	---	---	---	14511916	FDSN	IR	--	ISC	ISC	???	???	-	
KALN	2.78	227.9	Pn	10:46:41.480	1.1	---	---	---	---	14511920	FDSN	IR	--	ISC	ISC	???	???	-	
BZS	2.84	147.1	Pn	10:46:42.354	0.3	T__	9.7	0.6	---	MLv	3.9	14369907	FDSN	RO	--	BUD	iLoc	BHZ BHZ	
BZS	2.84	147.1	Pg	10:46:53.205	2.0	T__	---	---	---	---	---	14370002	FDSN	RO	--	BUD	iLoc	BHZ ???	
(Station ML : 3.9 1																			
FRGS	2.89	174.5	Pn	10:46:43.100	0.9	---	---	---	---	14511922	FDSN	IR	--	ISC	ISC	???	???	-	
BANR	2.90	155.3	Pn	10:46:43.826	0.3	---	---	---	---	14511930	FDSN	IR	--	ISC	ISC	???	???	-	
BANR	2.90	155.3	S	10:47:18.130	-99.0	---	---	---	---	14511928	FDSN	IR	--	ISC	ISC	???	???	-	
TREC	2.90	297.4	PN	10:46:43.100	-99.0	---	---	---	---	14511926	FDSN	IR	--	ISC	ISC	???	???	-	
TREC	2.90	297.4	SN	10:47:17.900	-99.0	---	---	---	---	14511924	FDSN	IR	--	ISC	ISC	???	???	-	
DPC	3.09	320.0	PN	10:46:46.600	-99.0	---	---	---	---	14511934	FDSN	IR	--	ISC	ISC	???	???	-	
DPC	3.09	320.0	SG	10:47:34.800	-99.0	---	---	---	---	14511932	FDSN	IR	--	ISC	ISC	???	???	-	
GROS	3.10	241.0	Pn	10:46:46.490	0.5	---	---	---	---	14511938	FDSN	IR	--	ISC	ISC	???	???	-	
GROS	3.10	241.0	Sn	10:47:21.780	-99.0	---	---	---	---	14511936	FDSN	IR	--	ISC	ISC	???	???	-	
CJR	3.13	113.3	Pn	10:46:47.168	0.2	---	---	---	---	14511940	FDSN	IR	--	ISC	ISC	???	???	-	
PTJ	3.18	229.3	Pn	10:46:47.250	0.9	---	---	---	---	14511942	FDSN	IR	--	ISC	ISC	???	???	-	
PTJ	3.19	229.7	Pn	10:46:47.405	0.2	T__	4.9	0.5	---	MLv	4.0	14369910	FDSN	CR	--	BUD	iLoc	BHZ BHZ	
(Station ML : 4.0 1																			
DEV	3.21	130.7	Pn	10:46:47.943	0.5	---	---	---	---	14511946	FDSN	IR	--	ISC	ISC	???	???	-	
DEV	3.21	130.7	S	10:47:25.838	-99.0	---	---	---	---	14511944	FDSN	IR	--	ISC	ISC	???	???	-	
ZAG	3.22	228.1	Pn	10:46:49.100	0.5	---	---	---	---	14511950	FDSN	IR	--	ISC	ISC	???	???	-	
ZAG	3.22	228.1	Pn	10:46:49.210	0.6	---	---	---	---	14511948	FDSN	IR	--	ISC	ISC	???	???	-	
PERS	3.24	246.1	Pn	10:46:49.010	0.1	---	---	---	---	14511954	FDSN	IR	--	ISC	ISC	???	???	-	

PERS	3.24	246.1	Sn	10:47:26.260	-99.0	---					14511952	FDSN	IR	--	ISC	ISC	???	???	-	
SOKA	3.27	247.2	Pn	10:46:48.826	-99.0	---		3.0	0.40	---	14511959	FDSN	IR	--	ISC	ISC	???	???	-	
SOKA	3.27	247.2	Sn	10:47:27.413	-99.0	---		20.2	0.42	---	14511956	FDSN	IR	--	ISC	ISC	???	???	-	
OSTC	3.29	321.5	PN	10:46:49.300	-99.0	---				---	14511962	FDSN	IR	--	ISC	ISC	???	???	-	
UPC	3.34	319.3	PN	10:46:49.300	-99.0	---				---	14511964	FDSN	IR	--	ISC	ISC	???	???	-	
CHVC	3.38	320.6	PN	10:46:50.900	-99.0	---				---	14511966	FDSN	IR	--	ISC	ISC	???	???	-	
ARCR	3.47	104.0	Pn	10:46:52.549	0.5	---				---	14511974	FDSN	IR	--	ISC	ISC	???	???	-	
MOA	3.47	268.9	Pn	10:46:51.787	-99.0	---		5.6	0.30	---	14511971	FDSN	IR	--	ISC	ISC	???	???	-	
MOA	3.47	268.9	Sn	10:47:33.221	-99.0	---		0.4	0.12	---	14511968	FDSN	IR	--	ISC	ISC	???	???	-	
KSP	3.48	325.2	Pg	10:47:04.640	-99.0	---				---	14511980	FDSN	IR	--	ISC	ISC	???	???	-	
KSP	3.48	325.2	Sn	10:47:34.300	-99.0	---				---	14511976	FDSN	IR	--	ISC	ISC	???	???	-	
KSP	3.48	325.2	Sg	10:47:50.840	-99.0	---				---	14511978	FDSN	IR	--	ISC	ISC	???	???	-	
TEKS	3.48	178.7	Pn	10:46:51.000	1.2	---				---	14511986	FDSN	IR	--	ISC	ISC	???	???	-	
TEKS	3.48	178.7	Pn	10:46:51.900	-99.0	---				---	14511984	FDSN	IR	--	ISC	ISC	???	???	-	
TEKS	3.48	178.7	Sn	10:47:35.500	-99.0	---				---	14511982	FDSN	IR	--	ISC	ISC	???	???	-	
KSP	3.49	325.1	Pn	10:46:52.605	1.4	T_	6.0	0.3		MLv	3.9	14369913	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	-
KSP	3.49	325.1	Sn	10:47:34.760	1.0	T_						14370004	FDSN	PL	--	BUD	iLoc	BHN	???	-
(Station ML : 3.9 1																				
GZR	3.50	137.6	Pn	10:46:52.100	-99.0	---				---	14511990	FDSN	IR	--	ISC	ISC	???	???	-	
GZR	3.50	137.6	Pn	10:46:52.230	0.4	---				---	14511988	FDSN	IR	--	ISC	ISC	???	???	-	
CRES	3.51	232.7	Pn	10:46:51.928	0.3	T_	3.7	0.2		MLv	3.7	14369916	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	-
(Station ML : 3.7 1																				
LVV	3.53	57.8	P	10:46:50.000	-99.0	---				---	14511994	FDSN	IR	--	ISC	ISC	???	???	-	
LVV	3.53	57.8	S	10:47:31.500	-99.0	---				---	14511992	FDSN	IR	--	ISC	ISC	???	???	-	
LVV	3.53	57.8	MLR	23:59:59.590	-99.0	---		1500.0	5.60	---	14511996	FDSN	IR	--	ISC	ISC	???	???	-	
LVV	3.53	57.8	MLR	23:59:59.590	-99.0	---		1400.0	5.50	---	14511999	FDSN	IR	--	ISC	ISC	???	???	-	
LVV	3.53	57.8	MLR	23:59:59.590	-99.0	---		1300.0	5.50	---	14512002	FDSN	IR	--	ISC	ISC	???	???	-	
BLY	3.60	206.7	Pn	10:46:53.617	0.7	T_	3.3	0.3		MLv	4.0	14369919	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	-
BLY	3.60	206.7	Pg	10:47:05.535	-0.2	T_						14370006	FDSN	MN	--	BUD	iLoc	BHZ	???	-
BLY	3.60	206.7	Lg	10:47:53.636	-0.4	T_						14369980	FDSN	MN	--	BUD	iLoc	BHN	???	-
(Station ML : 4.0 1																				
MDVR	3.62	153.1	Pn	10:46:52.900	-99.0	---				---	14512009	FDSN	IR	--	ISC	ISC	???	???	-	
MDVR	3.62	153.1	Pn	10:46:53.685	0.4	---				---	14512007	FDSN	IR	--	ISC	ISC	???	???	-	
MDVR	3.62	153.1	S	10:47:36.797	-99.0	---				---	14512005	FDSN	IR	--	ISC	ISC	???	???	-	
BLY	3.63	206.1	Pn	10:46:53.500	0.7	---				---	14512013	FDSN	IR	--	ISC	ISC	???	???	-	
BLY	3.63	206.1	Sg	10:47:54.200	-99.0	---				---	14512011	FDSN	IR	--	ISC	ISC	???	???	-	
OBKA	3.65	247.2	Pn	10:46:54.603	-99.0	---		9.9	0.50	---	14512018	FDSN	IR	--	ISC	ISC	???	???	-	
OBKA	3.65	247.2	Sn	10:47:36.624	-99.0	---		27.9	0.40	---	14512015	FDSN	IR	--	ISC	ISC	???	???	-	
OBKA	3.66	247.4	Pn	10:46:54.860	1.2	T_	3.4	0.3		MLv	4.0	14369922	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	-
OBKA	3.66	247.4	Sn	10:47:36.741	-0.2	T_						14369982	FDSN	OE	--	BUD	iLoc	BHN	???	-
(Station ML : 4.0 1																				
PRU	3.76	303.2	PN	10:46:55.100	-99.0	---				---	14512023	FDSN	IR	--	ISC	ISC	???	???	-	
PRU	3.76	303.2	SN	10:47:38.900	-99.0	---				---	14512021	FDSN	IR	--	ISC	ISC	???	???	-	
BOJS	3.82	230.1	Pn	10:46:56.700	-99.0	---				---	14512025	FDSN	IR	--	ISC	ISC	???	???	-	
PRA	3.86	303.8	PN	10:46:56.800	-99.0	---				---	14512027	FDSN	IR	--	ISC	ISC	???	???	-	
TRUS	3.87	169.4	Pn	10:46:57.100	-99.0	---				---	14512029	FDSN	IR	--	ISC	ISC	???	???	-	
MDB	3.88	117.3	Pn	10:46:57.630	0.0	---				---	14512031	FDSN	IR	--	ISC	ISC	???	???	-	
GERES	3.89	284.2	Pn	10:46:57.800	-99.0	---		9.7	0.33	---	14512038	FDSN	IR	--	ISC	ISC	???	???	-	
GERES	3.89	284.2	Sn	10:47:43.125	-99.0	---		21.1	0.33	---	14512035	FDSN	IR	--	ISC	ISC	???	???	-	
GERES	3.89	284.2	LR	10:48:08.548	-99.0	---		36.8	20.57	---	14512041	FDSN	IR	--	ISC	ISC	???	???	-	
LJU	3.89	241.1	Pn	10:46:58.400	0.6	---				---	14512033	FDSN	IR	--	ISC	ISC	???	???	-	
BURAR	3.93	93.9	Pn	10:46:58.707	0.3	---				---	14512044	FDSN	IR	--	ISC	ISC	???	???	-	
KUBS	3.94	155.8	Pn	10:46:56.900	-99.0	---				---	14512046	FDSN	IR	--	ISC	ISC	???	???	-	

DIVS	3.94	174.3	Pn	10:46:58.168	0.4	T__	3.1	0.4	---	MLv	4.2	14369925	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	-
DIVS	3.94	174.3	Sn	10:47:43.418	-0.1	T__			---			14369984	FDSN	MN	--	BUD	iLoc	BHN	???	-
DIVS	3.95	174.0	Pn	10:46:58.300	-99.0	---			---			14512054	FDSN	IR	--	ISC	ISC	???	???	-
(Station ML : 4.2 1																				
LOT	3.95	129.2	Pn	10:46:58.615	0.1	---			---			14512052	FDSN	IR	--	ISC	ISC	???	???	-
LOT	3.95	129.2	S	10:47:45.404	-99.0	---			---			14512050	FDSN	IR	--	ISC	ISC	???	???	-
PBCC	3.95	296.8	PN	10:46:58.000	-99.0	---			---			14512048	FDSN	IR	--	ISC	ISC	???	???	-
HAPS	3.96	184.9	Pn	10:46:57.300	1.6	---			---			14512058	FDSN	IR	--	ISC	ISC	???	???	-
HAPS	3.96	184.9	Pn	10:46:57.700	-99.0	---			---			14512056	FDSN	IR	--	ISC	ISC	???	???	-
KHC	4.03	288.0	PN	10:46:59.200	-99.0	---			---			14512062	FDSN	IR	--	ISC	ISC	???	???	-
KHC	4.03	288.0	PG	10:47:10.000	-99.0	---			---			14512064	FDSN	IR	--	ISC	ISC	???	???	-
KHC	4.03	288.0	SN	10:47:45.600	-99.0	---			---			14512060	FDSN	IR	--	ISC	ISC	???	???	-
PVCC	4.04	310.0	PN	10:46:59.000	-99.0	---			---			14512066	FDSN	IR	--	ISC	ISC	???	???	-
CEY	4.12	238.0	Pn	10:47:00.900	0.1	---			---			14512068	FDSN	IR	--	ISC	ISC	???	???	-
BBLs	4.16	180.4	Pn	10:47:01.452	1.0	T__	3.1	1.6	---	MLv	4.8	14369928	FDSN	SJ	--	BUD	iLoc	BHZ	BHZ	-
BBLs	4.16	180.4	Lg	10:48:10.531	-1.7	T__			---			14369986	FDSN	SJ	--	BUD	iLoc	BHN	???	-
BBLs	4.17	180.1	Pn	10:47:01.100	0.6	---			---			14512070	FDSN	IR	--	ISC	ISC	???	???	-
(Station ML : 4.8 0																				
MYKA	4.17	252.5	Pn	10:47:01.682	-99.0	---		1.8	0.24	---		14512072	FDSN	IR	--	ISC	ISC	???	???	-
KBA	4.22	259.2	Pn	10:47:02.715	-99.0	---		7.4	0.40	---		14512075	FDSN	IR	--	ISC	ISC	???	???	-
GRUS	4.24	167.2	Pn	10:47:02.500	-99.0	---				---		14512078	FDSN	IR	--	ISC	ISC	???	???	-
SRE	4.27	140.7	Pn	10:47:02.959	0.0	---				---		14512082	FDSN	IR	--	ISC	ISC	???	???	-
SRE	4.27	140.7	S	10:47:53.046	-99.0	---				---		14512080	FDSN	IR	--	ISC	ISC	???	???	-
UDBI	4.32	217.2	Pn	10:47:04.010	0.2	---				---		14512084	FDSN	IR	--	ISC	ISC	???	???	-
RIY	4.34	233.3	Pn	10:47:04.800	0.8	---				---		14512086	FDSN	IR	--	ISC	ISC	???	???	-
RUDO	4.41	180.5	Pn	10:46:56.200	8.8	---				---		14512088	FDSN	IR	--	ISC	ISC	???	???	-
ARR	4.47	124.7	Pn	10:47:05.290	0.5	---				---		14512090	FDSN	IR	--	ISC	ISC	???	???	-
SKDS	4.47	238.2	Pn	10:47:06.000	-99.0	---				---		14512092	FDSN	IR	--	ISC	ISC	???	???	-
IVAS	4.48	173.2	Pn	10:47:05.000	-99.0	---				---		14512094	FDSN	IR	--	ISC	ISC	???	???	-
KIJV	4.54	208.7	Pn	10:47:07.320	0.6	---				---		14512096	FDSN	IR	--	ISC	ISC	???	???	-
BRG	4.57	310.6	Pn	10:47:06.600	0.5	---				---		14512101	FDSN	IR	--	ISC	ISC	???	???	-
BRG	4.57	310.6	Amp	10:47:07.700	-99.0	---		12.8	0.39	---		14512108	FDSN	IR	--	ISC	ISC	???	???	-
BRG	4.57	310.6	Pg	10:47:25.500	0.1	---				---		14512103	FDSN	IR	--	ISC	ISC	???	???	-
BRG	4.57	310.6	Amp	10:48:33.750	-99.0	---		37.8	0.76	---		14512105	FDSN	IR	--	ISC	ISC	???	???	-
BRG	4.57	310.6	pmax	23:59:59.590	-99.0	---		13.0	0.40	---		14512098	FDSN	IR	--	ISC	ISC	???	???	-
DOPR	4.58	114.6	Pn	10:47:07.626	0.4	---				---		14512111	FDSN	IR	--	ISC	ISC	???	???	-
PRAR	4.65	95.8	Pn	10:47:08.548	0.3	---				---		14512113	FDSN	IR	--	ISC	ISC	???	???	-
ZAGS	4.65	154.0	Pn	10:47:06.900	-99.0	---				---		14512115	FDSN	IR	--	ISC	ISC	???	???	-
BIZ	4.66	101.1	Pn	10:47:08.743	0.3	---				---		14512119	FDSN	IR	--	ISC	ISC	???	???	-
VOIR	4.66	121.7	Pn	10:47:08.249	0.2	---				---		14512117	FDSN	IR	--	ISC	ISC	???	???	-
NVLJ	4.69	223.9	Pn	10:47:09.750	1.0	---				---		14512123	FDSN	IR	--	ISC	ISC	???	???	-
NVLJ	4.69	223.9	Sn	10:48:03.430	-99.0	---				---		14512121	FDSN	IR	--	ISC	ISC	???	???	-
OZUR	4.76	111.6	Pn	10:47:10.072	0.2	---				---		14512125	FDSN	IR	--	ISC	ISC	???	???	-
SJES	4.79	175.1	Pn	10:47:09.800	0.4	---				---		14512127	FDSN	IR	--	ISC	ISC	???	???	-
ABTA	4.86	257.3	Pn	10:47:12.097	-99.0	---		2.6	0.66	---		14512129	FDSN	IR	--	ISC	ISC	???	???	-
MORI	4.90	213.2	Pn	10:47:13.070	1.4	---				---		14512134	FDSN	IR	--	ISC	ISC	???	???	-
MORI	4.90	213.2	Sn	10:48:07.140	-99.0	---				---		14512132	FDSN	IR	--	ISC	ISC	???	???	-
MAKA	5.03	200.4	Pn	10:47:14.070	0.6	---				---		14512136	FDSN	IR	--	ISC	ISC	???	???	-
DUGI	5.05	218.6	Pn	10:47:14.700	0.9	---				---		14512140	FDSN	IR	--	ISC	ISC	???	???	-
DUGI	5.05	218.6	Sn	10:48:11.960	-99.0	---				---		14512138	FDSN	IR	--	ISC	ISC	???	???	-
ROTZ	5.07	292.8		10:47:13.500	-99.0	---		15.2	0.60	---		14512145	FDSN	IR	--	ISC	ISC	???	???	-
ROTZ	5.07	292.8		10:47:14.000	-99.0	---		15.2	0.60	---		14512142	FDSN	IR	--	ISC	ISC	???	???	-
NKC	5.08	298.3	PN	10:47:13.500	-99.0	---				---		14512148	FDSN	IR	--	ISC	ISC	???	???	-

NKC	5.08	298.3	10:47:14.100	-99.0	---	9.8	0.60	---	14512150	FDSN	IR	--	ISC	ISC	???	???	-	
ZIRJ	5.11	212.5	Pn	10:47:15.720	1.2	---		---	14512155	FDSN	IR	--	ISC	ISC	???	???	-	
ZIRJ	5.11	212.5	Sn	10:48:12.280	-99.0	---		---	14512153	FDSN	IR	--	ISC	ISC	???	???	-	
MLR	5.15	117.1	Pn	10:47:14.911	-99.0	---	0.7	0.33	---	14512167	FDSN	IR	--	ISC	ISC	???	???	-
MLR	5.15	117.1	Pn	10:47:15.399	0.1	---		---	14512165	FDSN	IR	--	ISC	ISC	???	???	-	
MLR	5.15	117.1		10:47:15.600	-99.0	---	23.6	0.90	---	14512173	FDSN	IR	--	ISC	ISC	???	???	-
MLR	5.15	117.1	LR	10:50:04.188	-99.0	---	69.8	19.06	---	14512170	FDSN	IR	--	ISC	ISC	???	???	-
TANN	5.15	300.2		10:47:14.900	-99.0	---	35.2	0.70	---	14512157	FDSN	IR	--	ISC	ISC	???	???	-
TESR	5.15	104.5	Pn	10:47:15.700	0.6	---		---	14512160	FDSN	IR	--	ISC	ISC	???	???	-	
TESR	5.15	104.5		10:47:15.900	-99.0	---	23.0	0.80	---	14512162	FDSN	IR	--	ISC	ISC	???	???	-
HVAR	5.28	204.3	Pn	10:47:18.030	1.1	---		---	14512176	FDSN	IR	--	ISC	ISC	???	???	-	
CLL	5.30	310.6	Pn	10:47:16.700	-99.0	---	38.6	0.50	---	14512193	FDSN	IR	--	ISC	ISC	???	???	-
CLL	5.30	310.6	Sg	10:48:46.000	-99.0	---	44.0	1.00	---	14512184	FDSN	IR	--	ISC	ISC	???	???	-
STON	5.30	193.8	Pn	10:47:17.800	0.7	---		---	14512182	FDSN	IR	--	ISC	ISC	???	???	-	
STON	5.30	193.8	Pn	10:47:18.030	0.9	---		---	14512180	FDSN	IR	--	ISC	ISC	???	???	-	
STON	5.30	193.8	Pn	10:47:18.300	-99.0	---		---	14512178	FDSN	IR	--	ISC	ISC	???	???	-	
WATA	5.34	265.4	Pn	10:47:18.487	-99.0	---	2.1	0.30	---	14512196	FDSN	IR	--	ISC	ISC	???	???	-
TREB	5.37	188.5	Pn	10:47:18.800	0.7	---		---	14512201	FDSN	IR	--	ISC	ISC	???	???	-	
TREB	5.37	188.5	Pn	10:47:19.200	-99.0	---		---	14512199	FDSN	IR	--	ISC	ISC	???	???	-	
PLOR	5.41	111.1	Pn	10:47:18.834	0.1	---		---	14512203	FDSN	IR	--	ISC	ISC	???	???	-	
VRI	5.45	110.7	Pn	10:47:19.539	0.3	---		---	14512205	FDSN	IR	--	ISC	ISC	???	???	-	
VRI	5.45	110.7	IAMB	10:47:19.900	-99.0	---	30.8	0.90	---	14512207	FDSN	IR	--	ISC	ISC	???	???	-
BISRR	5.59	113.7	Pn	10:47:21.044	0.2	---		---	14512210	FDSN	IR	--	ISC	ISC	???	???	-	
PDG	5.60	181.2	Pn	10:47:19.100	2.2	---		---	14512212	FDSN	IR	--	ISC	ISC	???	???	-	
SQTA	5.61	264.7	Pn	10:47:22.066	-99.0	---	6.2	0.34	---	14512217	FDSN	IR	--	ISC	ISC	???	???	-
SQTA	5.61	264.7	Sn	10:48:26.823	-99.0	---	12.7	0.62	---	14512214	FDSN	IR	--	ISC	ISC	???	???	-
HCY	5.62	187.0	Pn	10:47:22.200	0.6	---		---	14512220	FDSN	IR	--	ISC	ISC	???	???	-	
MOTA	5.66	266.1	Pn	10:47:21.977	-99.0	---	2.5	0.30	---	14512225	FDSN	IR	--	ISC	ISC	???	???	-
MOTA	5.66	266.1	Sn	10:48:27.809	-99.0	---	19.5	0.70	---	14512222	FDSN	IR	--	ISC	ISC	???	???	-
ODBI	5.70	110.6	Pn	10:47:22.936	0.2	---		---	14512228	FDSN	IR	--	ISC	ISC	???	???	-	
MOX	5.73	300.1	IAMB	10:47:23.500	-99.0	---	12.9	1.10	---	14512230	FDSN	IR	--	ISC	ISC	???	???	-
DRME	5.85	181.7	Pn	10:47:24.900	0.2	---		---	14512233	FDSN	IR	--	ISC	ISC	???	???	-	
RETA	5.86	267.9	Pn	10:47:24.787	-99.0	---	1.9	0.36	---	14512238	FDSN	IR	--	ISC	ISC	???	???	-
RETA	5.86	267.9	Sn	10:48:28.504	-99.0	---	9.3	0.76	---	14512235	FDSN	IR	--	ISC	ISC	???	???	-
BOSS	5.94	157.6	Pn	10:47:25.800	-99.0	---		---	14512241	FDSN	IR	--	ISC	ISC	???	???	-	
FETA	5.97	263.5	Pn	10:47:26.621	-99.0	---	5.3	0.42	---	14512246	FDSN	IR	--	ISC	ISC	???	???	-
FETA	5.97	263.5	Sn	10:48:34.342	-99.0	---	11.5	0.88	---	14512243	FDSN	IR	--	ISC	ISC	???	???	-
VTs	6.04	152.2	Pn	10:47:27.595	0.1	---		---	14512251	FDSN	IR	--	ISC	ISC	???	???	-	
VTs	6.04	152.2	Pn	10:47:27.600	-99.0	---		---	14512249	FDSN	IR	--	ISC	ISC	???	???	-	
UBR	6.28	270.3	IAMB	10:47:30.500	-99.0	---	87.9	0.60	---	14512253	FDSN	IR	--	ISC	ISC	???	???	-
FUORN	6.38	260.6	IAMB	10:47:32.900	-99.0	---	11.0	0.90	---	14512256	FDSN	IR	--	ISC	ISC	???	???	-
MILM	6.46	96.4	Pn	10:47:32.156	1.0	---		---	14512259	FDSN	IR	--	ISC	ISC	???	???	-	
DAVA	6.49	267.0	Pn	10:47:33.454	-99.0	---	10.4	0.33	---	14512264	FDSN	IR	--	ISC	ISC	???	???	-
DAVA	6.49	267.0	IAMB	10:47:33.700	-99.0	---	20.1	0.80	---	14512267	FDSN	IR	--	ISC	ISC	???	???	-
DAVA	6.49	267.0	Sn	10:48:45.339	-99.0	---	9.9	0.50	---	14512261	FDSN	IR	--	ISC	ISC	???	???	-
DAVOX	6.60	262.6	P	10:47:35.500	-99.0	---		---	14512273	FDSN	IR	--	ISC	ISC	???	???	-	
DAVOX	6.60	262.6	Pn	10:47:35.549	-99.0	---	1.9	0.33	---	14512270	FDSN	IR	--	ISC	ISC	???	???	-
DAVOX	6.60	262.6	LR	10:50:45.185	-99.0	---	82.6	18.26	---	14512275	FDSN	IR	--	ISC	ISC	???	???	-
CFR	6.65	112.2	Pn	10:47:34.407	1.2	---		---	14512278	FDSN	IR	--	ISC	ISC	???	???	-	
UBBA	6.75	297.9	IAMB	10:47:38.100	-99.0	---	5.4	0.60	---	14512280	FDSN	IR	--	ISC	ISC	???	???	-
HARR	6.77	116.4	Pn	10:47:36.802	0.5	---		---	14512283	FDSN	IR	--	ISC	ISC	???	???	-	
STU	6.85	280.0	IAMB	10:47:37.900	-99.0	---	16.2	0.60	---	14512285	FDSN	IR	--	ISC	ISC	???	???	-
STU	6.87	280.1	Pn	10:47:38.649	0.8	T_		---	14369988	FDSN	GE	--	BUD	iLoc	BHZ	???	-	

STU	6.87	280.1	Pb	10:47:39.294	-17.3	---	0.2	---	MLv	14369845	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	-
STU	6.87	280.1	Pb	---	---	---	15.5	0.56	mb	14369845	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	-
STU	6.87	280.1	Sn	10:48:53.312	0.2	T---	---	---	---	14369990	FDSN	GE	--	BUD	iLoc	BHN	???	-
(Station ML : 4.7 0																		
AKASG	6.94	63.7	Pn	10:47:37.845	-99.0	---	1.6	0.33	---	14512293	FDSN	IR	--	ISC	ISC	???	???	-
AKASG	6.94	63.7	P	10:47:38.200	-99.0	---	---	---	---	14512296	FDSN	IR	--	ISC	ISC	???	???	-
AKASG	6.94	63.7	Sn	10:48:53.761	-99.0	---	1.4	0.33	---	14512290	FDSN	IR	--	ISC	ISC	???	???	-
ASSE	6.96	309.4	IAMB	10:47:40.600	-99.0	---	8.3	2.70	---	14512298	FDSN	IR	--	ISC	ISC	???	???	-
TUE	7.03	260.9	IAMB	10:47:40.900	-99.0	---	13.1	0.70	---	14512301	FDSN	IR	--	ISC	ISC	???	???	-
TIRR	7.18	116.5	IAMB	10:47:43.600	-99.0	---	119.2	1.70	---	14512304	FDSN	IR	--	ISC	ISC	???	???	-
SLE	7.35	272.0	IAMB	10:47:44.500	-99.0	---	19.5	0.70	---	14512307	FDSN	IR	--	ISC	ISC	???	???	-
FNA	7.38	168.4	IAMB	10:47:45.600	-99.0	---	20.2	2.40	---	14512310	FDSN	IR	--	ISC	ISC	???	???	-
BFO	7.42	276.4	IAMB	10:47:45.100	-99.0	---	17.1	1.20	---	14512313	FDSN	IR	--	ISC	ISC	???	???	-
TNS	7.53	291.0	IAMB	10:47:48.000	-99.0	---	28.6	0.80	---	14512316	FDSN	IR	--	ISC	ISC	???	???	-
BNALP	7.54	265.2	IAMB	10:47:47.800	-99.0	---	12.2	1.40	---	14512319	FDSN	IR	--	ISC	ISC	???	???	-
BSD	7.63	340.1	P	10:47:47.900	-99.0	---	---	---	---	14512324	FDSN	IR	--	ISC	ISC	???	???	-
BSD	7.63	340.1	Pn	10:47:47.940	1.1	---	---	---	---	14512322	FDSN	IR	--	ISC	ISC	???	???	-
CDF	8.12	277.2	Pn	10:47:53.600	-99.0	---	---	---	---	14512326	FDSN	IR	--	ISC	ISC	???	???	-
CDF	8.12	277.2	P	10:48:00.200	-99.0	---	---	---	---	14512328	FDSN	IR	--	ISC	ISC	???	???	-
BOURR	8.25	270.1	IAMB	10:47:56.200	-99.0	---	18.1	1.20	---	14512330	FDSN	IR	--	ISC	ISC	???	???	-
MICGM	8.37	36.1	Pn	10:47:59.680	0.4	---	1.0	1.00	---	14512335	FDSN	IR	--	ISC	ISC	???	???	-
MICGM	8.37	36.1	P	10:47:59.680	-99.0	---	6.0	1.00	---	14512338	FDSN	IR	--	ISC	ISC	???	???	-
MICGM	8.37	36.1	P	10:47:59.680	-99.0	---	5.0	1.00	---	14512341	FDSN	IR	--	ISC	ISC	???	???	-
MICGM	8.37	36.1	S	10:49:35.080	-99.0	---	---	---	---	14512333	FDSN	IR	--	ISC	ISC	???	???	-
MICGM	8.37	36.1	LRM	10:51:09.010	-99.0	---	6.0	16.05	---	14512350	FDSN	IR	--	ISC	ISC	???	???	-
MICGM	8.37	36.1	LRM	10:51:13.780	-99.0	---	64.0	16.05	---	14512347	FDSN	IR	--	ISC	ISC	???	???	-
MICGM	8.37	36.1	LRM	10:51:15.060	-99.0	---	111.0	16.05	---	14512344	FDSN	IR	--	ISC	ISC	???	???	-
HINF	8.45	273.2	Pn	10:47:58.700	-99.0	---	---	---	---	14512358	FDSN	IR	--	ISC	ISC	???	???	-
HINF	8.45	273.2	P	10:48:03.600	-99.0	---	---	---	---	14512360	FDSN	IR	--	ISC	ISC	???	???	-
HINF	8.45	273.2	Sn	10:49:29.100	-99.0	---	1.5	0.31	---	14512355	FDSN	IR	--	ISC	ISC	???	???	-
HAU	8.77	274.7	Pn	10:48:03.500	-99.0	---	---	---	---	14512365	FDSN	IR	--	ISC	ISC	???	???	-
HAU	8.77	274.7	P	10:48:09.400	-99.0	---	---	---	---	14512367	FDSN	IR	--	ISC	ISC	???	???	-
HAU	8.77	274.7	Sn	10:49:36.600	-99.0	---	1.7	0.39	---	14512362	FDSN	IR	--	ISC	ISC	???	???	-
WLF	8.90	285.5	IAMB	10:48:06.600	-99.0	---	14.4	0.90	---	14512369	FDSN	IR	--	ISC	ISC	???	???	-
LPG	9.06	258.5	Pn	10:48:09.800	-99.0	---	---	---	---	14512375	FDSN	IR	--	ISC	ISC	???	???	-
TIP	9.06	193.3	IAMB	10:48:09.300	-99.0	---	30.0	2.10	---	14512372	FDSN	IR	--	ISC	ISC	???	???	-
PAGF	9.15	278.4	Pn	10:48:09.700	-99.0	---	---	---	---	14512377	FDSN	IR	--	ISC	ISC	???	???	-
CABF	9.17	266.0	Pn	10:48:08.600	-99.0	---	---	---	---	14512382	FDSN	IR	--	ISC	ISC	???	???	-
CABF	9.17	266.0	Sn	10:49:44.200	-99.0	---	0.4	0.33	---	14512379	FDSN	IR	--	ISC	ISC	???	???	-
AGG	9.25	165.8	IAMB	10:48:13.100	-99.0	---	60.1	2.50	---	14512384	FDSN	IR	--	ISC	ISC	???	???	-
SBF	9.33	247.9	Pn	10:48:10.700	-99.0	---	---	---	---	14512390	FDSN	IR	--	ISC	ISC	???	???	-
SBF	9.33	247.9	P	10:48:16.700	-99.0	---	---	---	---	14512392	FDSN	IR	--	ISC	ISC	???	???	-
SBF	9.33	247.9	Sn	10:49:49.300	-99.0	---	0.5	0.27	---	14512387	FDSN	IR	--	ISC	ISC	???	???	-
MBDF	9.35	254.0	Pn	10:48:11.800	-99.0	---	---	---	---	14512397	FDSN	IR	--	ISC	ISC	???	???	-
MBDF	9.35	254.0	P	10:48:16.700	-99.0	---	---	---	---	14512399	FDSN	IR	--	ISC	ISC	???	???	-
MBDF	9.35	254.0	Sn	10:49:49.000	-99.0	---	0.5	0.51	---	14512394	FDSN	IR	--	ISC	ISC	???	???	-
MEZF	9.60	278.2	Pn	10:48:16.000	-99.0	---	---	---	---	14512404	FDSN	IR	--	ISC	ISC	???	???	-
MEZF	9.60	278.2	Sn	10:49:52.700	-99.0	---	1.1	0.33	---	14512401	FDSN	IR	--	ISC	ISC	???	???	-
OGAG	9.61	252.9	IAMB	10:48:15.500	-99.0	---	18.9	0.80	---	14512409	FDSN	IR	--	ISC	ISC	???	???	-
OGAG	9.61	252.9	IAMB	10:48:16.900	-99.0	---	18.7	0.80	---	14512406	FDSN	IR	--	ISC	ISC	???	???	-
SFTF	9.62	276.4	Pn	10:48:15.800	-99.0	---	---	---	---	14512415	FDSN	IR	--	ISC	ISC	???	???	-
SFTF	9.62	276.4	P	10:48:20.200	-99.0	---	---	---	---	14512417	FDSN	IR	--	ISC	ISC	???	???	-
SFTF	9.62	276.4	Sn	10:49:56.200	-99.0	---	1.2	0.43	---	14512412	FDSN	IR	--	ISC	ISC	???	???	-

CALF	9.71	248.5	IAMB	10:48:17.900	-99.0	---	23.0	2.50	---	14512419	FDSN	IR	--	ISC	ISC	???	???	-
GIVF	9.80	287.6	Pn	10:48:16.700	-99.0	---	---	---	---	14512422	FDSN	IR	--	ISC	ISC	???	???	-
ORIF	9.85	256.6	Pn	10:48:20.700	-99.0	---	16.0	0.80	---	14512424	FDSN	IR	--	ISC	ISC	???	???	-
FRF	9.97	248.1	Pn	10:48:21.000	-99.0	---	---	---	---	14512430	FDSN	IR	--	ISC	ISC	???	???	-
FRF	9.97	248.1	Sn	10:50:04.800	-99.0	---	2.4	0.63	---	14512427	FDSN	IR	--	ISC	ISC	???	???	-
LMR	10.18	247.3	Pn	10:48:22.500	-99.0	---	---	---	---	14512432	FDSN	IR	--	ISC	ISC	???	???	-
BAIF	10.20	287.1	Pn	10:48:24.900	-99.0	---	---	---	---	14512437	FDSN	IR	--	ISC	ISC	???	???	-
BAIF	10.20	287.1	P	10:48:28.500	-99.0	---	---	---	---	14512439	FDSN	IR	--	ISC	ISC	???	???	-
BAIF	10.20	287.1	Sn	10:50:07.300	-99.0	---	0.1	0.28	---	14512434	FDSN	IR	--	ISC	ISC	???	???	-
SMRF	10.45	252.3	Pn	10:48:28.000	-99.0	---	---	---	---	14512444	FDSN	IR	--	ISC	ISC	???	???	-
SMRF	10.45	252.3	Sn	10:50:15.600	-99.0	---	0.2	0.33	---	14512441	FDSN	IR	--	ISC	ISC	???	???	-
RUSF	10.52	252.3	IAMB	10:48:29.400	-99.0	---	14.4	2.50	---	14512446	FDSN	IR	--	ISC	ISC	???	???	-
LOR	10.53	271.6	Pn	10:48:28.100	-99.0	---	---	---	---	14512452	FDSN	IR	--	ISC	ISC	???	???	-
LOR	10.53	271.6	IAMB	10:48:29.500	-99.0	---	6.9	1.90	---	14512456	FDSN	IR	--	ISC	ISC	???	???	-
LOR	10.53	271.6	P	10:48:33.800	-99.0	---	---	---	---	14512454	FDSN	IR	--	ISC	ISC	???	???	-
LOR	10.53	271.6	Sn	10:50:17.600	-99.0	---	0.8	0.56	---	14512449	FDSN	IR	--	ISC	ISC	???	???	-
VIVF	10.66	258.1	Pn	10:48:29.200	-99.0	---	---	---	---	14512462	FDSN	IR	--	ISC	ISC	???	???	-
VIVF	10.66	258.1	P	10:48:35.600	-99.0	---	---	---	---	14512464	FDSN	IR	--	ISC	ISC	???	???	-
VIVF	10.66	258.1	Sn	10:50:20.700	-99.0	---	2.5	0.75	---	14512459	FDSN	IR	--	ISC	ISC	???	???	-
SMF	10.67	268.3	Pn	10:48:29.900	-99.0	---	---	---	---	14512466	FDSN	IR	--	ISC	ISC	???	???	-
SSF	10.81	270.8	Pn	10:48:31.800	-99.0	---	---	---	---	14512471	FDSN	IR	--	ISC	ISC	???	???	-
SSF	10.81	270.8	P	10:48:37.700	-99.0	---	---	---	---	14512473	FDSN	IR	--	ISC	ISC	???	???	-
SSF	10.81	270.8	Sn	10:50:24.200	-99.0	---	0.3	0.39	---	14512468	FDSN	IR	--	ISC	ISC	???	???	-
AVF	10.96	269.5	Pn	10:48:34.400	-99.0	---	---	---	---	14512478	FDSN	IR	--	ISC	ISC	???	???	-
AVF	10.96	269.5	Sn	10:50:28.200	-99.0	---	0.3	0.31	---	14512475	FDSN	IR	--	ISC	ISC	???	???	-
VSU	11.32	19.9	P	10:48:41.400	-99.0	---	---	---	---	14512483	FDSN	IR	--	ISC	ISC	???	???	-
VSU	11.32	19.9	pmax	23:59:59.590	-99.0	---	31.0	0.80	---	14512480	FDSN	IR	--	ISC	ISC	???	???	-
BGF	11.36	268.7	Pn	10:48:39.300	-99.0	---	---	---	---	14512488	FDSN	IR	--	ISC	ISC	???	???	-
BGF	11.36	268.7	P	10:48:44.500	-99.0	---	---	---	---	14512490	FDSN	IR	--	ISC	ISC	???	???	-
BGF	11.36	268.7	Sn	10:50:37.100	-99.0	---	0.8	0.31	---	14512485	FDSN	IR	--	ISC	ISC	???	???	-
LASF	11.51	255.7	Pn	10:48:41.200	-99.0	---	---	---	---	14512495	FDSN	IR	--	ISC	ISC	???	???	-
LASF	11.51	255.7	Sn	10:50:41.100	-99.0	---	0.7	0.33	---	14512492	FDSN	IR	--	ISC	ISC	???	???	-
TCF	11.85	267.9	Pn	10:48:45.100	-99.0	---	---	---	---	14512500	FDSN	IR	--	ISC	ISC	???	???	-
TCF	11.85	267.9	Sn	10:50:49.400	-99.0	---	0.3	0.21	---	14512497	FDSN	IR	--	ISC	ISC	???	???	-
CAF	12.36	261.9	Pn	10:48:52.500	-99.0	---	---	---	---	14512502	FDSN	IR	--	ISC	ISC	???	???	-
HFS	12.58	346.7	Pn	10:48:57.866	-99.0	---	0.1	0.33	---	14512507	FDSN	IR	--	ISC	ISC	???	???	-
HFS	12.58	346.7	Sn	10:51:06.845	-99.0	---	0.1	0.33	---	14512504	FDSN	IR	--	ISC	ISC	???	???	-
OBN	12.79	49.9	P	10:48:59.200	-99.0	---	---	---	---	14512515	FDSN	IR	--	ISC	ISC	???	???	-
OBN	12.79	49.9	S	10:51:22.000	-99.0	---	---	---	---	14512513	FDSN	IR	--	ISC	ISC	???	???	-
OBN	12.79	49.9	pmax	23:59:59.590	-99.0	---	48.0	2.60	---	14512510	FDSN	IR	--	ISC	ISC	???	???	-
OBN	12.79	49.9	MLR	23:59:59.590	-99.0	---	93.0	16.00	---	14512517	FDSN	IR	--	ISC	ISC	???	???	-
LDF	13.02	279.8	Pn	10:49:01.300	-99.0	---	---	---	---	14512520	FDSN	IR	--	ISC	ISC	???	???	-
FLN	13.25	280.6	Pn	10:49:03.900	-99.0	---	---	---	---	14512522	FDSN	IR	--	ISC	ISC	???	???	-
MFF	13.35	271.1	Pn	10:49:06.700	-99.0	---	---	---	---	14512524	FDSN	IR	--	ISC	ISC	???	???	-
NOA	13.86	343.1	Pn	10:49:13.552	-99.0	---	0.0	0.33	---	14512526	FDSN	IR	--	ISC	ISC	???	???	-
FINES	13.97	13.3	Pn	10:49:12.460	-99.0	---	0.2	0.33	---	14512534	FDSN	IR	--	ISC	ISC	???	???	-
FINES	13.97	13.3	P	10:49:15.600	-99.0	---	---	---	---	14512537	FDSN	IR	--	ISC	ISC	???	???	-
FINES	13.97	13.3	Sn	10:51:39.241	-99.0	---	0.2	0.33	---	14512531	FDSN	IR	--	ISC	ISC	???	???	-
QUIF	15.12	278.0	Pn	10:49:31.200	-99.0	---	---	---	---	14512542	FDSN	IR	--	ISC	ISC	???	???	-
QUIF	15.12	278.0	Sn	10:52:07.100	-99.0	---	2.5	0.63	---	14512539	FDSN	IR	--	ISC	ISC	???	???	-
ESDC	18.77	252.2	P	10:50:16.004	-99.0	---	0.0	0.33	---	14512544	FDSN	IR	--	ISC	ISC	???	???	-
KIRV	20.62	48.0	LR	10:58:21.542	-99.0	---	93.1	19.40	---	14512547	FDSN	IR	--	ISC	ISC	???	???	-
ARCES	21.78	5.8	P	10:50:50.200	-99.0	---	---	---	---	14512553	FDSN	IR	--	ISC	ISC	???	???	-

ARCES	21.78	5.8 P	10:50:50.217	-99.0	---	2.5	0.89	---	14512550	FDSN	IR	--	ISC	ISC	???	???	-
ARU	25.10	55.8 P	10:51:22.952	-99.0	---	0.5	0.36	---	14512559	FDSN	IR	--	ISC	ISC	???	???	-
ARU	25.10	55.8 P	10:51:24.000	-99.0	---			---	14512557	FDSN	IR	--	ISC	ISC	???	???	-
ARU	25.10	55.8 SS	10:56:47.300	-99.0	---			---	14512555	FDSN	IR	--	ISC	ISC	???	???	-
AKTO	25.13	70.0 P	10:51:24.873	-99.0	---	0.9	0.62	---	14512562	FDSN	IR	--	ISC	ISC	???	???	-
BRVK	32.14	61.6 P	10:52:28.100	-99.0	---			---	14512568	FDSN	IR	--	ISC	ISC	???	???	-
BRVK	32.14	61.6 pmax	23:59:59.590	-99.0	---	1.0	0.80	---	14512565	FDSN	IR	--	ISC	ISC	???	???	-
KURK	37.75	63.1 P	10:53:13.600	-99.0	---			---	14512573	FDSN	IR	--	ISC	ISC	???	???	-
KURK	37.75	63.1 pmax	23:59:59.590	-99.0	---	1.0	1.10	---	14512570	FDSN	IR	--	ISC	ISC	???	???	-
TORD	37.78	209.0 LR	11:10:40.860	-99.0	---	53.2	19.31	---	14512575	FDSN	IR	--	ISC	ISC	???	???	-
AAK	38.39	77.0 P	10:53:18.100	-99.0	---			---	14512581	FDSN	IR	--	ISC	ISC	???	???	-
AAK	38.39	77.0 pmax	23:59:59.590	-99.0	---	2.0	1.00	---	14512578	FDSN	IR	--	ISC	ISC	???	???	-
MKAR	41.51	67.3 P	10:53:46.965	-99.0	---	0.3	0.75	---	14512585	FDSN	IR	--	ISC	ISC	???	???	-
MKAR	41.51	67.3 P	10:53:47.000	-99.0	---			---	14512583	FDSN	IR	--	ISC	ISC	???	???	-
DGZ	43.37	61.3 P	10:54:03.500	-99.0	---			---	14512591	FDSN	IR	--	ISC	ISC	???	???	-
DGZ	43.37	61.3 pmax	23:59:59.590	-99.0	---	1.0	1.00	---	14512588	FDSN	IR	--	ISC	ISC	???	???	-
TIXI	50.78	22.7 P	10:54:58.600	-99.0	---			---	14512593	FDSN	IR	--	ISC	ISC	???	???	-
SONM	55.14	55.1 P	10:55:32.370	-99.0	---	0.8	0.76	---	14512597	FDSN	IR	--	ISC	ISC	???	???	-
SONM	55.14	55.1 P	10:55:32.400	-99.0	---			---	14512595	FDSN	IR	--	ISC	ISC	???	???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/01/01	10:46:37.39	1.25	0.52	48.0127	19.4333	4.9	4.3	158	1.4F	11.9	15	9	66	0.32	1.52	m	ke BUD	14641065	iLoc			105

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.3	9 BUD	14641065

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.32	106.8	Pg	10:46:45.037	0.5					T__	0.6	8.6		---	MLv	3.1	14641067	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.32	106.8	Lg	10:46:49.024	-0.9					T__				---		14641068	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 3.1 1																									
BUD	0.60	207.7	Pg	10:46:50.289	0.5					T__	0.6	2.4		---	MLv	3.2	14641069	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BUD	0.60	207.7	Lg	10:46:58.385	-0.7					T__				---		14641070	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 3.2 1																									
VYHS	0.63	320.6	Pg	10:46:50.169	0.2					T__	0.8	0.8		---	MLv	2.7	14641071	FDSN	SK	--	BUD	iLoc	HHN	HHZ	_
VYHS	0.63	320.6	Lg	10:46:58.505	-0.7					T__				---		14641072	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.7 0																									
SRO	0.78	255.6	Pn	10:46:53.844	-0.4					T__	1.3	28.8		---	MLv	4.4	14641073	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SRO	0.78	255.6	Lg	10:47:04.479	0.2					T__				---		14641074	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 4.4 0																									
KECS	0.85	55.8	Pg	10:46:54.128	0.1					T__	0.7	12.5		---	MLv	4.1	14641075	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.85	55.8	Lg	10:47:06.238	-0.4					T__				---		14641076	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 4.1 1																									
BSZH	0.91	141.4	Pg	10:46:56.815	0.2					T__	0.9	1.6		---	MLv	3.2	14641077	FDSN	HU	--	BUD	iLoc	HHN	HHZ	_
BSZH	0.91	141.4	Lg	10:47:10.400	-0.0					T__				---		14641078	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Station ML : 3.2 1																									
CSKK	1.02	231.1	Pn	10:46:57.599	-0.1					T__	0.8	3.2		---	MLv	3.6	14641079	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 3.6 1																									
LANS	1.14	1.1	Pn	10:47:00.007	0.5					T__	0.7	2.1		---	MLv	3.5	14641080	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 3.5 1																									
NIE	1.52	22.2	Pn	10:47:05.226	0.2					T__	0.8	0.4		---	MLv	2.9	14641081	FDSN	PL	--	BUD	iLoc	BHN	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/01/01	11:05:05.57	1.35	0.61	48.2762	19.7541	10.0	7.6	30	10.0A		5	3	136	0.37	0.65	m	ke BUD	14641119	iLoc			261

Magnitude	Err	Nsta	Author	OrigID
MLv	1.3	0.1	2 BUD	14641119

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.37	165.2	Pg	11:05:14.104	0.3					T__	0.9	0.1		---	MLv	1.3	14641121	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.37	165.2	Lg	11:05:19.398	-0.6					T__				---		14641122	FDSN	GE	--	BUD	iLoc	BHE	???	_	
KECS	0.53	66.7	Lg	11:05:23.960	-0.3					T__				---		14641123	FDSN	SK	--	BUD	iLoc	EHN	???	_	
VYHS	0.65	289.9	Pn	11:05:19.813	0.2					T__	2.0	0.0		---	MLv	1.2	14641124	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.65	289.9	Lg	11:05:27.664	-0.5					T__				---		14641125	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2015/01/01	14:22:09.90	0.06	0.29	48.0113	19.4243	0.6	0.5	18	14.5F	0.7	33			101	0.33	2.56	a	ke IPEC	14512604	ISC			360
2015/01/01	14:22:09.60	0.00		48.0000	19.4000				0.0A		23						a	ke PRU	14512607	ISC			360
2015/01/01	14:22:08.65	0.65	1.50	48.1631	19.4235	6.3	4.1	37	10.0F	0.0	25		84	2.39	3.46	a	ke VIE	14512600	ISC				360
2015/01/01	14:22:09.21	0.85	1.57	48.0183	19.4239	2.2	1.9	1	7.2F	5.8	145	63	40	0.33	5.44	m	ke BUD	14641128	iLoc				54

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		IPEC	14512604
mb	2.4		VIE	14512600
ml	2.4		VIE	14512600
ML	2.9	0.2	17 BUD	14641128

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.33	107.4	Pg	14:22:16.510	-0.1					T__	59.8	3.2		---	MLv	2.7	14641130	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.33	107.4	Lg	14:22:21.335	-0.8					T__				---		14641131	FDSN	GE	--	BUD	iLoc	BHN	???	_	
PSZ	0.33	107.4	Pb	14:22:16.613	0.0					T__				---		14641132	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	0.33	107.4	Sg	14:22:21.230	-0.9					T__				---		14641133	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	0.33	107.4	Sb	14:22:21.690	-0.4					T__				---		14641134	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.7 0																									
BUD	0.60	206.9	Pg	14:22:21.316	-0.3					T__	14.4	1.2		---	MLv	2.9	14641135	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BUD	0.60	206.9	Lg	14:22:30.040	-0.9					T__				---		14641136	FDSN	IR	--	ISC	iLoc	???	???	_	
BUD	0.60	206.9	Sg	14:22:30.400	-0.5					T__				---		14641137	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.9 1																									
VYHS	0.62	320.7	Pg	14:22:22.082	0.4					T__	11.6	0.2		---	MLv	2.2	14641138	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.62	320.7	Lg	14:22:30.193	-0.6					T__				---		14641139	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.2 0																									
SRO2	0.74	250.1	Pg	14:22:22.900	-1.1					T__				---		14641140	FDSN	IR	--	ISC	iLoc	???	???	_	
SRO2	0.74	250.1	Lg	14:22:34.200	-0.7					T__				---		14641141	FDSN	IR	--	ISC	iLoc	???	???	_	
SRO2	0.74	250.1	Sn	14:22:38.200	1.4					T__				---		14641142	FDSN	IR	--	ISC	iLoc	???	???	_	
SRO	0.77	255.1	Pg	14:22:24.500	-0.2					T__				---		14641143	FDSN	IR	--	ISC	iLoc	???	???	_	
SRO	0.77	255.1	Lg	14:22:36.100	0.0					T__				---		14641144	FDSN	IR	--	ISC	iLoc	???	???	_	
SRO	0.77	255.1	Sn	14:22:40.000	2.3					T__				---		14641145	FDSN	IR	--	ISC	iLoc	???	???	_	
SRO	0.77	255.1	Pb	14:22:25.130	0.4					T__	51.0	5.0		---	MLv	3.6	14641146	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SRO	0.77	255.1	Sg	14:22:35.707	-0.4					T__				---		14641147	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
(Station ML : 3.6 0																									

KECS	0.85	56.4	Pn	14:22:25.423	-1.0	T__	46.0	5.6	---	MLv	3.7	14641148	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.85	56.4	Lg	14:22:38.158	-0.5	T__			---			14641149	FDSN	SK	--	BUD	iLoc	EHN	???	_
KECS	0.85	56.4	Sn	14:22:41.900	2.1	T__			---			14641150	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 3.7 0)																				
KOLL	0.88	309.8	Pn	14:22:27.100	0.3	T__			---			14641151	FDSN	IR	--	ISC	iLoc	???	???	_
KOLL	0.88	309.8	Lg	14:22:38.400	-1.0	T__			---			14641152	FDSN	IR	--	ISC	iLoc	???	???	_
BSZH	0.92	141.3	Pn	14:22:28.248	0.9	T__	13.0	0.8	---	MLv	2.9	14641153	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	0.92	141.3	Lg	14:22:42.300	0.3	T__			---			14641154	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.9 1)																				
CSKK	1.02	230.6	Pn	14:22:28.842	0.1	T__	141.9	1.4	---	MLv	3.2	14641155	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	1.02	230.6	Sn	14:22:43.830	-0.2	T__			---			14641156	FDSN	HU	--	BUD	iLoc	SHN	???	_
CSKK	1.02	230.6	Lg	14:22:45.150	0.9	T__			---			14641157	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 3.2 1)																				
LANS	1.13	1.5	Pg	14:22:32.040	0.6	T__	28.8	0.4	---	MLv	2.7	14641158	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	1.13	1.5	Sn	14:22:46.217	-1.1	T__			---			14641159	FDSN	SK	--	BUD	iLoc	EHN	???	_
LANS	1.13	1.5	Lg	14:22:46.700	-0.9	T__			---			14641160	FDSN	IR	--	ISC	iLoc	???	???	_
LANS	1.13	1.5	Sg	14:22:52.700	5.1	T__			---			14641161	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.7 1)																				
SMOL	1.42	291.1	Pg	14:22:37.600	0.3	T__			---			14641162	FDSN	IR	--	ISC	iLoc	???	???	_
SMOL	1.42	291.1	Lg	14:22:56.500	-0.4	T__			---			14641163	FDSN	IR	--	ISC	iLoc	???	???	_
SMOL	1.42	291.1	Sg	14:23:00.700	3.8	T__			---			14641164	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	1.44	306.4	Pn	14:22:36.300	1.4	T__			---			14641165	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	1.44	306.4	Pg	14:22:36.400	-1.2	T__			---			14641166	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	1.44	306.4	Sn	14:22:55.200	0.7	T__		76.1	1.01	---		14641167	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	1.44	306.4	Sn	14:22:55.300	0.7	T__			---			14641168	FDSN	IR	--	ISC	iLoc	???	???	_
MODS	1.48	284.7	Pn	14:22:35.100	-0.3	T__			---			14641169	FDSN	IR	--	ISC	iLoc	???	???	_
MODS	1.48	284.7	Pg	14:22:37.100	-1.4	T__			---			14641170	FDSN	IR	--	ISC	iLoc	???	???	_
MODS	1.48	284.7	Sn	14:22:56.900	1.7	T__			---			14641171	FDSN	IR	--	ISC	iLoc	???	???	_
MODS	1.48	284.7	Lg	14:22:58.100	-0.7	T__			---			14641172	FDSN	IR	--	ISC	iLoc	???	???	_
NIE	1.52	22.2	Sn	14:22:58.570	1.3	T__			---			14641173	FDSN	IR	--	ISC	iLoc	???	???	_
NIE	1.52	22.5	Pg	14:22:38.268	-0.2	T__	2.0	0.1	---	MLv	2.3	14641174	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.52	22.5	Sn	14:22:58.716	1.3	T__			---			14641175	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Station ML : 2.3 0)																				
TIH	1.53	223.4	Pg	14:22:38.170	-1.2	T__			---			14641176	FDSN	IR	--	ISC	iLoc	???	???	_
TIH	1.53	223.4	Lg	14:23:01.620	1.2	T__			---			14641177	FDSN	IR	--	ISC	iLoc	???	???	_
MPLH	1.53	237.1	Pn	14:22:37.831	1.9	T__	6.2	0.3	---	MLv	2.9	14641180	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	1.53	237.1	Pg	14:22:38.550	-1.0	T__			---			14641178	FDSN	IR	--	ISC	iLoc	???	???	_
MPLH	1.53	237.1	Lg	14:23:00.872	0.4	T__			---			14641181	FDSN	HU	--	BUD	iLoc	BHN	???	_
MPLH	1.53	237.1	Lg	14:23:02.020	1.4	T__			---			14641179	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.9 1)																				
ZST	1.57	277.4	Pn	14:22:37.400	0.9	T__			---			14641182	FDSN	IR	--	ISC	iLoc	???	???	_
ZST	1.57	277.4	Pb	14:22:38.890	-1.3	T__	1.5	2.7	---	MLv	3.8	14641183	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	1.57	277.4	Pg	14:22:39.800	-0.4	T__			---			14641184	FDSN	IR	--	ISC	iLoc	???	???	_
ZST	1.57	277.4	Sn	14:22:57.026	-0.1	T__			---			14641185	FDSN	SK	--	BUD	iLoc	HHN	???	_
ZST	1.57	277.4	Lg	14:23:00.700	-0.7	T__			---			14641186	FDSN	IR	--	ISC	iLoc	???	???	_
ZST	1.57	277.4	Sg	14:23:04.000	2.6	T__			---			14641187	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 3.8 0)																				
CRVS	1.62	56.1	Pn	14:22:38.800	1.3	T__			---			14641188	FDSN	IR	--	ISC	iLoc	???	???	_
CRVS	1.62	56.1	Pg	14:22:40.600	0.1	T__			---			14641189	FDSN	IR	--	ISC	iLoc	???	???	_
CRVS	1.62	56.1	Lg	14:23:03.800	-0.5	T__			---			14641190	FDSN	IR	--	ISC	iLoc	???	???	_
CRVS	1.62	56.1	Sg	14:23:06.500	2.2	T__			---			14641191	FDSN	IR	--	ISC	iLoc	???	???	_
LTVH	1.79	109.8	Pn	14:22:44.720	5.0	---			---			14641192	FDSN	IR	--	ISC	iLoc	???	???	_
LTVH	1.79	109.8	Lg	14:23:09.700	-1.8	T__			---			14641193	FDSN	IR	--	ISC	iLoc	???	???	_

LTVH	1.79	109.8	Pg	14:22:44.824	-0.1	T__	4.3	0.6	---	MLv	3.2	14641194	FDSN	HU	--	BUD	iLoc	SHN	SHZ	_
LTVH	1.79	109.8	Pb	14:22:46.439	1.5	T__			---			14641195	FDSN	HU	--	BUD	iLoc	SHZ	???	_
(Station ML : 3.2 1																				
SOP	1.96	261.2	Pn	14:22:43.200	1.3	T__			---			14641196	FDSN	IR	--	ISC	iLoc	???	???	_
SOP	1.96	261.2	Pg	14:22:47.013	-0.7	T__	2.7	0.1	---	MLv	2.7	14641197	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	1.96	261.2	Pb	14:22:49.995	2.2	T__			---			14641198	FDSN	HU	--	BUD	iLoc	BHZ	???	_
SOP	1.96	261.2	Sn	14:23:07.370	0.7	T__			---			14641199	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 2.7 1																				
OKC	2.01	335.7	Sn	14:23:09.700	0.9	T__			---			14641200	FDSN	IR	--	ISC	iLoc	???	???	_
LOSC	2.10	320.6	Pn	14:22:45.100	1.3	T__			---			14641201	FDSN	IR	--	ISC	iLoc	???	???	_
LOSC	2.10	320.6	Sn	14:23:11.100	0.5	T__		24.5	0.49	---		14641202	FDSN	IR	--	ISC	iLoc	???	???	_
KOLS	2.11	63.2	Pn	14:22:45.777	1.3	T__	1.6	0.4	---	MLv	3.3	14641203	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	2.11	63.2	Pg	14:22:50.196	0.8	T__			---			14641204	FDSN	SK	--	BUD	iLoc	HHZ	???	_
(Station ML : 3.3 1																				
MORC	2.15	325.5	Pg	14:22:46.023	-4.0	---			---			14641205	FDSN	GE	--	BUD	iLoc	BHZ	???	_
MORC	2.15	325.5	Sb	14:23:12.509	-6.5	T__			---			14641206	FDSN	GE	--	BUD	iLoc	BHE	???	_
MORC	2.15	325.5	Pn	14:22:45.700	1.0	T__			---			14641207	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	2.15	325.5	Sn	14:23:12.700	0.3	T__		23.0	0.70	---		14641209	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	2.15	325.5	Sn	14:23:12.800	0.3	T__			---			14641210	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	2.15	325.5	Sg	14:23:14.729	-4.3	T__			---			14641211	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	2.27	298.5	Pn	14:22:47.000	0.8	T__			---			14641212	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	2.27	298.5	Pg	14:22:47.100	-5.6	---			---			14641213	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	2.27	298.5	Sn	14:23:15.400	1.2	---		12.8	0.65	---		14641214	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	2.28	305.6	Pn	14:22:47.300	1.0	T__			---			14641215	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	2.28	305.6	Pg	14:22:47.443	-5.3	---			---			14641217	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	2.28	305.6	Sn	14:23:15.800	1.3	T__		11.2	0.50	---		14641218	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	2.28	305.6	Lg	14:23:16.280	-6.8	T__			---			14641219	FDSN	IR	--	ISC	iLoc	???	???	_
SIRR	2.32	138.1	Pn	14:22:47.656	0.5	T__			---			14641220	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	2.38	230.3	Pg	14:22:52.990	-2.9	T__			---			14641221	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	2.38	230.3	Lg	14:23:23.200	-4.9	T__			---			14641222	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	2.40	269.2	Pn	14:22:49.140	1.0	T__		0.8	0.14	---		14641223	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	2.40	269.2	Sn	14:23:16.857	-0.7	T__		15.2	0.56	---		14641224	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	2.55	117.6	Pn	14:22:51.069	0.4	T__	1.6	0.1	---	MLv	2.9	14641225	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	2.55	117.6	Sn	14:23:21.229	-1.1	T__			---			14641226	FDSN	RO	--	BUD	iLoc	BHN	???	_
DRGR	2.55	117.6	Lg	14:23:21.114	-16.2	---			---			14641227	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.9 1																				
KOGS	2.67	235.2	Pg	14:22:59.346	-1.9	T__	2.3	0.2	---	MLv	3.4	14641228	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	2.67	235.2	Pb	14:23:01.211	-0.0	T__			---			14641229	FDSN	SL	--	BUD	iLoc	BHZ	???	_
(Station ML : 3.4 1																				
KRLC	2.69	320.8	Pn	14:22:53.000	0.8	T__			---			14641230	FDSN	IR	--	ISC	iLoc	???	???	_
KRLC	2.69	320.8	Sn	14:23:25.900	0.4	T__			---			14641231	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	2.75	255.2	Pn	14:22:55.428	2.6	T__		0.8	0.17	---		14641232	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	2.75	255.2	Lg	14:23:40.297	1.8	T__		3.8	0.38	---		14641233	FDSN	IR	--	ISC	iLoc	???	???	_
BMR	2.76	95.7	Pn	14:22:54.172	0.4	T__			---			14641234	FDSN	IR	--	ISC	iLoc	???	???	_
BMR	2.76	95.7	Sn	14:23:26.283	-1.9	T__			---			14641235	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	2.77	228.1	Pn	14:22:54.130	0.4	T__			---			14641236	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	2.84	147.1	Sn	14:23:28.802	0.6	T__			---			14641237	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	2.84	146.8	Pn	14:22:54.815	0.6	T__	1.4	0.1	---	MLv	2.9	14641238	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.9 1																				
DPC	3.10	320.1	Pn	14:22:58.900	1.1	T__			---			14641239	FDSN	IR	--	ISC	iLoc	???	???	_
CJR	3.12	113.2	Pn	14:22:59.214	0.3	T__			---			14641240	FDSN	IR	--	ISC	iLoc	???	???	_
CJR	3.12	113.2	Sn	14:23:35.830	-0.9	T__			---			14641241	FDSN	IR	--	ISC	iLoc	???	???	_
PTJ	3.17	229.5	Pn	14:23:00.600	1.2	T__			---			14641242	FDSN	IR	--	ISC	iLoc	???	???	_

SOKA	3.27	247.4	Pn	14:23:02.544	2.2	T__	0.5	0.20	---	14641243	FDSN	IR	--	ISC	iLoc	???	???	-
SOKA	3.27	247.4	Sn	14:23:39.900	0.8	T__	2.0	0.44	---	14641244	FDSN	IR	--	ISC	iLoc	???	???	-
OSTC	3.30	321.6	Pn	14:23:01.900	1.4	T__			---	14641245	FDSN	IR	--	ISC	iLoc	???	???	-
UPC	3.35	319.4	Pn	14:23:02.200	1.0	T__			---	14641246	FDSN	IR	--	ISC	iLoc	???	???	-
CHVC	3.39	320.7	Pn	14:23:02.700	0.9	T__			---	14641247	FDSN	IR	--	ISC	iLoc	???	???	-
MOA	3.47	269.1	Pn	14:23:04.636	1.6	T__	0.3	0.15	---	14641248	FDSN	IR	--	ISC	iLoc	???	???	-
MOA	3.47	269.1	Sn	14:23:45.643	1.7	T__	1.4	0.25	---	14641249	FDSN	IR	--	ISC	iLoc	???	???	-
GZR	3.50	137.5	Pn	14:23:03.992	0.3	T__			---	14641250	FDSN	IR	--	ISC	iLoc	???	???	-
GZR	3.50	137.5	Sn	14:23:44.537	-0.7	T__			---	14641251	FDSN	IR	--	ISC	iLoc	???	???	-
MDVR	3.60	153.1	Pn	14:23:05.531	0.3	T__			---	14641252	FDSN	IR	--	ISC	iLoc	???	???	-
MDVR	3.60	153.1	Sn	14:23:47.193	-0.5	T__			---	14641253	FDSN	IR	--	ISC	iLoc	???	???	-
HERR	3.76	145.5	Pn	14:23:07.511	0.2	T__			---	14641254	FDSN	IR	--	ISC	iLoc	???	???	-
HERR	3.76	145.5	Sn	14:23:50.772	-0.7	T__			---	14641255	FDSN	IR	--	ISC	iLoc	???	???	-
PRU	3.77	303.3	Pn	14:23:07.900	1.0	T__			---	14641256	FDSN	IR	--	ISC	iLoc	???	???	-
PRU	3.77	303.3	Sn	14:23:51.000	-0.3	T__			---	14641257	FDSN	IR	--	ISC	iLoc	???	???	-
BURAR	3.92	93.8	Pn	14:23:10.928	0.5	T__			---	14641258	FDSN	IR	--	ISC	iLoc	???	???	-
KHC	4.04	288.2	Pn	14:23:11.600	0.8	T__			---	14641259	FDSN	IR	--	ISC	iLoc	???	???	-
KHC	4.04	288.2	Sn	14:23:57.600	-0.0	T__			---	14641260	FDSN	IR	--	ISC	iLoc	???	???	-
KIJV	4.53	208.8	Pn	14:23:19.990	1.3	T__			---	14641261	FDSN	IR	--	ISC	iLoc	???	???	-
DOPR	4.57	114.5	Pn	14:23:18.939	-0.2	T__			---	14641262	FDSN	IR	--	ISC	iLoc	???	???	-
BRG	4.58	310.7	Pn	14:23:19.060	0.8	T__			---	14641263	FDSN	IR	--	ISC	iLoc	???	???	-
BRG	4.58	310.7	x	14:23:26.850	-99.0	---	1.1	0.78	---	14641264	FDSN	IR	--	ISC	iLoc	???	???	-
BRG	4.58	310.7	x	14:24:41.400	-99.0	---			---	14641265	FDSN	IR	--	ISC	iLoc	???	???	-
BRG	4.58	310.7	x	14:24:44.500	-99.0	---	3.2	0.84	---	14641266	FDSN	IR	--	ISC	iLoc	???	???	-
VOIR	4.65	121.6	Pn	14:23:20.651	0.2	T__			---	14641267	FDSN	IR	--	ISC	iLoc	???	???	-
NVLJ	4.68	224.1	Pn	14:23:22.470	2.0	T__			---	14641268	FDSN	IR	--	ISC	iLoc	???	???	-
MORI	4.89	213.3	Pn	14:23:25.390	1.5	T__			---	14641269	FDSN	IR	--	ISC	iLoc	???	???	-
MORI	4.89	213.3	Sn	14:24:21.350	1.4	T__			---	14641270	FDSN	IR	--	ISC	iLoc	???	???	-
DUGI	5.05	218.7	Pn	14:23:27.730	1.7	T__			---	14641271	FDSN	IR	--	ISC	iLoc	???	???	-
DUGI	5.05	218.7	Sn	14:24:25.730	2.1	T__			---	14641272	FDSN	IR	--	ISC	iLoc	???	???	-
NKC	5.09	298.4	Pn	14:23:25.600	0.3	T__			---	14641273	FDSN	IR	--	ISC	iLoc	???	???	-
ZIRJ	5.10	212.6	Pn	14:23:28.170	1.3	T__			---	14641274	FDSN	IR	--	ISC	iLoc	???	???	-
ZIRJ	5.10	212.6	Sn	14:24:26.900	1.7	T__			---	14641275	FDSN	IR	--	ISC	iLoc	???	???	-
HVAR	5.27	204.4	Pn	14:23:30.800	1.3	T__			---	14641276	FDSN	IR	--	ISC	iLoc	???	???	-
HVAR	5.27	204.4	Sn	14:24:30.550	0.7	T__			---	14641277	FDSN	IR	--	ISC	iLoc	???	???	-
STON	5.29	193.9	Pn	14:23:31.090	1.7	T__			---	14641278	FDSN	IR	--	ISC	iLoc	???	???	-
STON	5.29	193.9	Sn	14:24:32.010	2.4	T__			---	14641279	FDSN	IR	--	ISC	iLoc	???	???	-
CLL	5.31	310.7	Pn	14:23:29.500	1.1	T__			---	14641280	FDSN	IR	--	ISC	iLoc	???	???	-
CLL	5.31	310.7	Lg	14:24:59.000	1.3	T__			---	14641281	FDSN	IR	--	ISC	iLoc	???	???	-
VRI	5.44	110.6	Pn	14:23:31.422	-0.4	T__			---	14641282	FDSN	IR	--	ISC	iLoc	???	???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2015/01/01	17:00:53.44	1.34	0.54	48.0307	19.4423	5.7	4.5	23	5.5F	15.9	12	7	94	0.32	1.55	m	ke BUD	14641367	iLoc			126			
Magnitude	Err	Nsta	Author	OrigID																					
ML	1.5	0.5	5	BUD	14641367																				
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.32	110.1	Pg	17:01:00.353	-0.3					T__	1.2	0.1		_c_	MLv	1.2	14641369	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.32	110.1	Lg	17:01:05.809	-0.2					T__				---		14641370	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.2 0																									

VYHS	0.62	319.1	Pg	17:01:06.298	0.5	T__	1.3	0.0	---	MLv	1.2	14641371	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.62	319.1	Lg	17:01:14.063	-0.9	T__			---			14641372	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 1.2 1																				
SRO	0.79	254.4	Pg	17:01:09.435	0.2	T__	2.3	0.2	---	MLv	2.3	14641373	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SRO	0.79	254.4	Lg	17:01:20.621	-0.4	T__			---			14641374	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 2.3 1																				
KECS	0.83	56.6	Pg	17:01:10.018	0.2	T__	2.5	0.2	---	MLv	2.4	14641375	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.83	56.6	Lg	17:01:22.425	0.2	T__			---			14641376	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 2.4 0																				
BSZH	0.92	142.4	Lg	17:01:26.714	0.3	T__			---			14641377	FDSN	HU	--	BUD	iLoc	HHN	???	_
LANS	1.12	0.9	Pg	17:01:15.963	0.6	T__	1.9	0.0	---	MLv	1.5	14641378	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	1.12	0.9	Lg	17:01:30.841	-0.8	T__			---			14641379	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 1.5 1																				
MPLH	1.55	236.9	Lg	17:01:45.326	-0.1	T__			---			14641380	FDSN	HU	--	BUD	iLoc	BHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/01/01	19:44:36.40		1.10	48.0300	19.4200				4.0A				84	2.38	4.21	a	ke CSEM	14512869	ISC			360
2015/01/01	19:44:36.20	0.06	0.36	48.0201	19.4255	0.6	0.5	20	14.3F	0.7	31		99	0.33	2.56	a	ke IPEC	14512866	ISC			360
2015/01/01	19:44:36.30	0.00		48.0100	19.3900				0.0A		23					a	ke PRU	14512872	ISC			360
2015/01/01	19:44:35.76	0.80	1.99	48.0248	19.4267	2.4	1.9	12	4.5F	5.7	113	44	59	0.33	5.31	m	ke BUD	14641402	iLoc			76

Magnitude	Err	Nsta	Author	OrigID
ml	2.8		CSEM	14512869
ML	2.1		IPEC	14512866
ML	2.8	0.3	12 BUD	14641402

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.33	108.5	Pg	19:44:43.044	-0.0					T__	45.8	2.2		---	MLv	2.6	14641404	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.33	108.5	Lg	19:44:47.982	-0.6					T__				---			14641405	FDSN	GE	--	BUD	iLoc	BHN	???	_
PSZ	0.33	108.5	Sg	19:44:47.880	-0.7					T__				---			14641406	FDSN	IR	--	ISC	iLoc	???	???	_
PSZ	0.33	108.5	Sb	19:44:48.633	0.0					T__				---			14641407	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.6 1																									
BUD	0.61	206.8	Pb	19:44:47.682	-0.6					T__	14.3	0.6		---	MLv	2.6	14641408	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BUD	0.61	206.8	Pg	19:44:47.960	-0.4					T__				---			14641409	FDSN	IR	--	ISC	iLoc	???	???	_
BUD	0.61	206.8	Lg	19:44:57.050	-0.7					T__				---			14641410	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.6 1																									
VYHS	0.61	320.2	Pg	19:44:48.400	0.3					T__				---			14641411	FDSN	IR	--	ISC	iLoc	???	???	_
VYHS	0.61	320.2	Lg	19:44:56.600	-0.6					T__				---			14641412	FDSN	IR	--	ISC	iLoc	???	???	_
VYHS	0.61	320.2	Pb	19:44:48.527	0.4					T__				---			14641413	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VYHS	0.61	320.2	Sg	19:44:56.429	-0.7					T__				---			14641414	FDSN	SK	--	BUD	iLoc	HHN	???	_
SRO	0.78	254.6	Lg	19:45:02.400	-0.2					T__				---			14641415	FDSN	IR	--	ISC	iLoc	???	???	_
SRO	0.78	254.6	Sn	19:45:07.200	2.2					T__				---			14641416	FDSN	IR	--	ISC	iLoc	???	???	_
SRO	0.78	254.6	Pg	19:44:51.046	-0.3					T__	33.6	2.7		---	MLv	3.4	14641417	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SRO	0.78	254.6	Sg	19:45:01.644	-1.0					T__				---			14641418	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 3.4 1																									
KECS	0.84	56.7	Pg	19:44:51.900	-0.5					T__	44.1	4.5		---	MLv	3.6	14641419	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.84	56.7	Lg	19:45:04.105	-0.9					T__				---			14641420	FDSN	SK	--	BUD	iLoc	EHN	???	_
KECS	0.84	56.7	Sg	19:45:04.600	-0.4					T__				---			14641421	FDSN	IR	--	ISC	iLoc	???	???	_
KECS	0.84	56.7	Sb	19:45:06.100	1.1					T__				---			14641422	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 3.6 0																									
KOLL	0.88	309.4	Pg	19:44:53.400	0.2					T__				---			14641423	FDSN	IR	--	ISC	iLoc	???	???	_

KOLL	0.88	309.4	Lg	19:45:04.600	-1.3	T__				14641424	FDSN	IR	--	ISC	iLoc	??? ???	_
BSZH	0.92	141.6	Pg	19:44:54.610	-0.7	T__				14641425	FDSN	IR	--	ISC	iLoc	??? ???	_
BSZH	0.92	141.6	Pn	19:44:54.749	0.4	T__	5.8	0.4	MLv	2.6	14641426	FDSN	HU	--	BUD	iLoc	HHZ HHZ
BSZH	0.92	141.6	Pn			---		0.4	MLv	2.6	14641426	FDSN	HU	--	BUD	iLoc	HHZ HHZ
BSZH	0.92	141.6	Sn	19:45:08.430	-0.4	T__					14641427	FDSN	IR	--	ISC	iLoc	??? ???
(Station ML : 2.6 1																	
CSKK	1.03	230.4	Pg	19:44:55.235	-0.9	T__	155.2	1.1	MLv	3.1	14641428	FDSN	HU	--	BUD	iLoc	SHZ SHZ
CSKK	1.03	230.4	Pn	19:44:55.340	-0.4	T__					14641429	FDSN	IR	--	ISC	iLoc	??? ???
CSKK	1.03	230.4	Sn	19:45:11.030	-0.3	T__					14641430	FDSN	IR	--	ISC	iLoc	??? ???
CSKK	1.03	230.4	Lg	19:45:11.182	-0.1	T__					14641431	FDSN	HU	--	BUD	iLoc	SHE ???
(Station ML : 3.1 1																	
LANS	1.13	1.4	Pg	19:44:58.295	0.4	T__					14641432	FDSN	SK	--	BUD	iLoc	EHZ ???
LANS	1.13	1.4	Sn	19:45:13.100	-1.2	T__					14641433	FDSN	IR	--	ISC	iLoc	??? ???
LANS	1.13	1.4	Lg	19:45:17.000	2.8	T__					14641434	FDSN	IR	--	ISC	iLoc	??? ???
SMOL	1.42	290.9	Pn	19:45:01.600	0.2	T__					14641435	FDSN	IR	--	ISC	iLoc	??? ???
SMOL	1.42	290.9	Pg	19:45:04.100	0.4	T__					14641436	FDSN	IR	--	ISC	iLoc	??? ???
SMOL	1.42	290.9	Lg	19:45:23.900	0.1	T__					14641437	FDSN	IR	--	ISC	iLoc	??? ???
SMOL	1.42	290.9	Sg	19:45:30.000	6.2	T__					14641438	FDSN	IR	--	ISC	iLoc	??? ???
JAVC	1.44	306.2	Pn	19:45:02.500	0.8	T__					14641439	FDSN	IR	--	ISC	iLoc	??? ???
JAVC	1.44	306.2	Pn	19:45:02.600	0.8	T__					14641440	FDSN	IR	--	ISC	iLoc	??? ???
JAVC	1.44	306.2	Sn	19:45:21.200	-0.4	T__		51.0	0.63		14641441	FDSN	IR	--	ISC	iLoc	??? ???
JAVC	1.44	306.2	Sn	19:45:21.300	-0.4	T__					14641442	FDSN	IR	--	ISC	iLoc	??? ???
MODS	1.48	284.4	Pn	19:45:01.500	-0.8	T__					14641443	FDSN	IR	--	ISC	iLoc	??? ???
MODS	1.48	284.4	Pg	19:45:05.100	0.1	T__					14641444	FDSN	IR	--	ISC	iLoc	??? ???
MODS	1.48	284.4	Sn	19:45:23.500	1.1	T__					14641445	FDSN	IR	--	ISC	iLoc	??? ???
MODS	1.48	284.4	Lg	19:45:28.200	2.5	T__					14641446	FDSN	IR	--	ISC	iLoc	??? ???
NIE	1.51	22.2	Pb	19:45:04.860	0.8	T__					14641447	FDSN	IR	--	ISC	iLoc	??? ???
NIE	1.51	22.2	Lg	19:45:26.260	0.0	T__					14641448	FDSN	IR	--	ISC	iLoc	??? ???
NIE	1.51	22.5	Pg	19:45:04.608	0.5	T__	1.9	0.1	MLv	2.3	14641449	FDSN	PL	--	BUD	iLoc	BHZ BHZ
(Station ML : 2.3 0																	
TIH	1.53	223.3	Pn	19:45:04.560	1.7	T__					14641450	FDSN	IR	--	ISC	iLoc	??? ???
TIH	1.53	223.3	Lg	19:45:29.090	1.6	T__					14641451	FDSN	IR	--	ISC	iLoc	??? ???
MPLH	1.54	236.9	Pn	19:45:04.560	1.6	T__	4.2	0.2	MLv	2.6	14641454	FDSN	HU	--	BUD	iLoc	BHZ BHZ
MPLH	1.54	236.9	Pn	19:45:05.020	2.0	T__					14641452	FDSN	IR	--	ISC	iLoc	??? ???
MPLH	1.54	236.9	Sn	19:45:25.709	1.9	T__					14641455	FDSN	HU	--	BUD	iLoc	BHE ???
MPLH	1.54	236.9	Lg	19:45:28.770	1.1	T__					14641453	FDSN	IR	--	ISC	iLoc	??? ???
(Station ML : 2.6 1																	
ZST	1.57	277.1	Pn	19:45:03.500	0.1	T__					14641456	FDSN	IR	--	ISC	iLoc	??? ???
ZST	1.57	277.1	Pn	19:45:03.862	0.4	T__	1.7	1.6	MLv	3.6	14641460	FDSN	SK	--	BUD	iLoc	HHZ HHZ
ZST	1.57	277.1	Pg	19:45:05.900	-1.0	T__					14641457	FDSN	IR	--	ISC	iLoc	??? ???
ZST	1.57	277.1	Pg	19:45:07.389	0.5	T__	1.7	1.6	MLv	3.6	14641461	FDSN	SK	--	BUD	iLoc	HHZ HHZ
ZST	1.57	277.1	Sn	19:45:23.667	-0.7	T__					14641462	FDSN	SK	--	BUD	iLoc	HHN ???
ZST	1.57	277.1	Sn	19:45:26.500	2.2	T__					14641458	FDSN	IR	--	ISC	iLoc	??? ???
ZST	1.57	277.1	Lg	19:45:29.200	0.9	T__					14641459	FDSN	IR	--	ISC	iLoc	??? ???
(Station ML : 3.6 0																	
CRVS	1.61	56.3	Pg	19:45:07.000	1.3	T__					14641463	FDSN	IR	--	ISC	iLoc	??? ???
CRVS	1.61	56.3	Sn	19:45:29.500	2.3	T__					14641464	FDSN	IR	--	ISC	iLoc	??? ???
CRVS	1.61	56.3	Lg	19:45:32.700	1.7	T__					14641465	FDSN	IR	--	ISC	iLoc	??? ???
LTVH	1.79	110.1	Sg	19:45:35.850	-2.4	T__					14641466	FDSN	IR	--	ISC	iLoc	??? ???
LTVH	1.79	110.1	Pg	19:45:10.280	-1.3	T__	2.5	0.3	MLv	3.0	14641467	FDSN	HU	--	BUD	iLoc	SHZ SHZ
LTVH	1.79	110.1	Pb	19:45:12.720	1.2	T__	2.2	0.3	MLv	3.0	14641468	FDSN	HU	--	BUD	iLoc	SHZ SHZ
LTVH	1.79	110.1	Sn	19:45:31.928	1.3	T__					14641469	FDSN	HU	--	BUD	iLoc	SHN ???
LTVH	1.79	110.1	Lg	19:45:35.652	-2.6	T__					14641470	FDSN	HU	--	BUD	iLoc	SHN ???

73

KHC	4.04	288.1	Pn	19:45:38.400	0.7	T__	---	14641521	FDSN	IR	--	ISC	iLoc	??? ???	_
KHC	4.04	288.1	Sn	19:46:24.100	-0.7	T__	---	14641522	FDSN	IR	--	ISC	iLoc	??? ???	_
PVCC	4.05	310.0	Pn	19:45:38.500	0.8	T__	---	14641523	FDSN	IR	--	ISC	iLoc	??? ???	_
KBA	4.23	259.3	Pn	19:45:41.721	0.9	T__	0.8 0.35	14641524	FDSN	IR	--	ISC	iLoc	??? ???	_
DOPR	4.57	114.6	Pn	19:45:46.038	-0.1	T__	---	14641525	FDSN	IR	--	ISC	iLoc	??? ???	_
NKC	5.09	298.3	Pn	19:45:52.700	0.5	T__	---	14641526	FDSN	IR	--	ISC	iLoc	??? ???	_
CLL	5.31	310.6	Pn	19:45:55.700	0.4	T__	---	14641527	FDSN	IR	--	ISC	iLoc	??? ???	_
CLL	5.31	310.6	Lg	19:47:29.000	4.5	T__	---	14641528	FDSN	IR	--	ISC	iLoc	??? ???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/01/02	01:44:02.80	0.10	0.28	48.0569	19.4839	1.8	0.6	24	15.8F	1.0	12	176	0.31	2.29	a	ke	IPEC	14513067	ISC			360
2015/01/02	01:44:01.80	0.95	1.58	48.0286	19.4361	3.0	2.8	0	2.1F	7.4	52	16	65	0.33	2.28	m	ke	BUD	14641591	iLoc		108

Magnitude	Err	Nsta	Author	OrigID
ML	0.8		IPEC	14513067
ML	1.9	0.4	7 BUD	14641591

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.33	109.5	Pg	01:44:09.082	0.1					T__	4.2	0.2		_c_	MLv	1.6	14641593	FDSN	GE	--	MP	iLoc	BHZ	BHZ	_
PSZ	0.33	109.5	Sg	01:44:13.762	-0.6					T__				---		14641594	FDSN	GE	--	MP	iLoc	BHN	???	???	_
PSZ	0.33	109.5	Lg	01:44:14.000	-0.4					T__				---		14641595	FDSN	IR	--	ISC	iLoc	???	???	???	_
(Station ML : 1.6 1																									
BUD	0.61	207.2	Pg	01:44:11.432	-3.0					T__				---		14641596	FDSN	HU	--	MP	iLoc	BHZ	???	???	_
BUD	0.61	207.2	Lg	01:44:24.335	0.3					T__				---		14641597	FDSN	HU	--	MP	iLoc	BHE	???	???	_
VYHS	0.61	319.5	Lg	01:44:22.700	-0.5					T__				---		14641598	FDSN	IR	--	ISC	iLoc	???	???	???	_
VYHS	0.61	319.5	Pg	01:44:14.876	0.7					T__	1.4	0.0		_c_	MLv	1.2	14641599	FDSN	SK	--	MP	iLoc	HHZ	HHZ	_
VYHS	0.61	319.5	Sg	01:44:22.888	-0.3					T__				---		14641600	FDSN	SK	--	MP	iLoc	HHN	???	???	_
(Station ML : 1.2 0																									
SRO	0.79	254.5	Pn	01:44:18.300	-0.3					T__				---		14641601	FDSN	IR	--	ISC	iLoc	???	???	???	_
SRO	0.79	254.5	Lg	01:44:28.900	-0.0					T__				---		14641602	FDSN	IR	--	ISC	iLoc	???	???	???	_
SRO	0.79	254.5	Sn	01:44:33.800	2.1					T__				---		14641603	FDSN	IR	--	ISC	iLoc	???	???	???	_
SRO	0.79	254.5	Pg	01:44:18.438	1.0					T__	3.5	0.3		---	MLv	2.3	14641604	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SRO	0.79	254.5	Lg	01:44:29.234	0.3					T__				---		14641605	FDSN	SK	--	BUD	iLoc	EHN	???	???	_
(Station ML : 2.3 1																									
KECS	0.84	56.6	Pg	01:44:18.200	-0.1					T__				---		14641606	FDSN	IR	--	ISC	iLoc	???	???	???	_
KECS	0.84	56.6	Pg	01:44:18.321	0.0					T__	3.6	0.4		---	MLv	2.6	14641609	FDSN	SK	--	MP	iLoc	EHZ	EHZ	_
KECS	0.84	56.6	Lg	01:44:29.104	-1.6					T__				---		14641610	FDSN	SK	--	BUD	iLoc	EHN	???	???	_
KECS	0.84	56.6	Lg	01:44:30.900	0.2					T__				---		14641607	FDSN	IR	--	ISC	iLoc	???	???	???	_
KECS	0.84	56.6	Sn	01:44:34.000	0.8					T__				---		14641608	FDSN	IR	--	ISC	iLoc	???	???	???	_
(Station ML : 2.6 0																									
KOLL	0.88	309.0	Pn	01:44:19.800	-0.3					T__				---		14641611	FDSN	IR	--	ISC	iLoc	???	???	???	_
KOLL	0.88	309.0	Lg	01:44:31.000	-1.0					T__				---		14641612	FDSN	IR	--	ISC	iLoc	???	???	???	_
BSZH	0.92	142.1	Pg	01:44:20.859	-0.4					T__	1.2	0.1		---	MLv	1.9	14641613	FDSN	HU	--	MP	iLoc	HHZ	HHZ	_
BSZH	0.92	142.1	Lg	01:44:34.478	-0.7					T__				---		14641614	FDSN	HU	--	MP	iLoc	HHN	???	???	_
BSZH	0.92	142.1	Sg	01:44:35.190	0.1					T__				---		14641615	FDSN	IR	--	ISC	iLoc	???	???	???	_
(Station ML : 1.9 1																									
CSKK	1.04	230.5	Pn	01:44:22.087	-0.1					T__	12.2	0.1		---	MLv	1.9	14641616	FDSN	HU	--	MP	iLoc	SHZ	SHZ	_
CSKK	1.04	230.5	Pg	01:44:22.270	-0.0					T__				---		14641617	FDSN	IR	--	ISC	iLoc	???	???	???	_
CSKK	1.04	230.5	Lg	01:44:37.751	-0.1					T__				---		14641618	FDSN	HU	--	MP	iLoc	SHE	???	???	_
CSKK	1.04	230.5	Sg	01:44:38.900	1.1					T__				---		14641619	FDSN	IR	--	ISC	iLoc	???	???	???	_
(Station ML : 1.9 1																									

LANS	1.12	1.1	Pg	01:44:24.600	0.8	T__								14641620	FDSN	IR	--	ISC	iLoc	??? ???	_
LANS	1.12	1.1	Pb	01:44:24.766	1.0	T__	3.1	0.0			---	MLv	1.7	14641621	FDSN	SK	--	MP	iLoc	EHZ EHZ	_
LANS	1.12	1.1	Sn	01:44:39.200	-1.5	T__					---			14641622	FDSN	IR	--	ISC	iLoc	??? ???	_
LANS	1.12	1.1	Sg	01:44:39.629	-0.8	T__					---			14641623	FDSN	SK	--	MP	iLoc	EHE ???	_
LANS	1.12	1.1	Lg	01:44:41.800	1.4	T__					---			14641624	FDSN	IR	--	ISC	iLoc	??? ???	_
(Station ML : 1.7 1																					
SMOL	1.43	290.7	Pg	01:44:29.800	-0.0	T__								14641625	FDSN	IR	--	ISC	iLoc	??? ???	_
JAVC	1.44	305.9	Pg	01:44:29.400	-0.6	T__								14641626	FDSN	IR	--	ISC	iLoc	??? ???	_
JAVC	1.44	305.9	Pg	01:44:29.500	-0.6	T__								14641627	FDSN	IR	--	ISC	iLoc	??? ???	_
JAVC	1.44	305.9	Sn	01:44:48.400	0.2	T__				1.5	0.42			14641628	FDSN	IR	--	ISC	iLoc	??? ???	_
JAVC	1.44	305.9	Sn	01:44:48.500	0.2	T__								14641629	FDSN	IR	--	ISC	iLoc	??? ???	_
MODS	1.48	284.2	Pn	01:44:29.600	0.9	T__								14641630	FDSN	IR	--	ISC	iLoc	??? ???	_
MODS	1.48	284.2	Sn	01:44:50.000	0.9	T__								14641631	FDSN	IR	--	ISC	iLoc	??? ???	_
MODS	1.48	284.2	Lg	01:44:50.500	-1.7	T__								14641632	FDSN	IR	--	ISC	iLoc	??? ???	_
MPLH	1.54	236.9	Pg	01:44:32.630	0.4	T__								14641633	FDSN	IR	--	ISC	iLoc	??? ???	_
MPLH	1.54	236.9	Lg	01:44:57.770	3.6	T__								14641634	FDSN	IR	--	ISC	iLoc	??? ???	_
EGYH	1.55	247.5	Pn	01:44:27.120	-2.4	T__								14641635	FDSN	IR	--	ISC	iLoc	??? ???	_
EGYH	1.55	247.5	Sn	01:44:50.600	-0.0	T__								14641636	FDSN	IR	--	ISC	iLoc	??? ???	_
KRUC	2.27	298.2	Pn	01:44:40.000	0.6	T__								14641637	FDSN	IR	--	ISC	iLoc	??? ???	_
KRUC	2.27	298.2	Sn	01:45:08.100	0.1	T__				0.3	0.28			14641639	FDSN	IR	--	ISC	iLoc	??? ???	_
KRUC	2.27	298.2	Lg	01:45:08.200	-8.1	T__								14641640	FDSN	IR	--	ISC	iLoc	??? ???	_
VRAC	2.28	305.3	Pn	01:44:40.300	0.7	T__								14641641	FDSN	IR	--	ISC	iLoc	??? ???	_
VRAC	2.28	305.3	Sn	01:45:08.400	0.2	T__				0.5	0.30			14641643	FDSN	IR	--	ISC	iLoc	??? ???	_
VRAC	2.28	305.3	Sn	01:45:08.500	0.2	T__								14641644	FDSN	IR	--	ISC	iLoc	??? ???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/01/05	12:09:10.40		0.60	46.0390	16.1810				0.0A								a ke LJU	14513149	ISC			360
2015/01/05	12:09:11.30	0.54	0.52	46.0397	16.1352				1.9	2.2	10	6	165	0.18	1.49	m ke MP	14371085	sysop@virtcdc05				360
2015/01/05	12:09:11.10	0.41	0.20	46.0687	16.0923	2.6	1.6	99	15.0F	0.0	14		10	0.95	1.24	a ke VIE	14513145	ISC				360
2015/01/05	12:09:10.50	0.95	0.98	46.0353	16.1396	4.4	2.8	127	2.8F	8.6	40	20	121	0.18	2.41	m ke BUD	14641677	iLoc				143

Magnitude	Err	Nsta	Author	OrigID
ML	1.3		LJU	14513149
M	1.9	6	BUD	14371085
MLv	1.9	0.3	6 MP	14371085
mb	1.4		VIE	14513145
ml	1.7		VIE	14513145
ML	1.9	0.3	6 BUD	14641677

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PTJ	0.18	223.1	Pg	12:09:14.375	0.2					T__	11.5	0.5		---	MLv	1.5	14641679	FDSN	CR	--	MP	iLoc	BHZ	BHZ	_
PTJ	0.18	223.1	Lg	12:09:17.015	-0.0					T__				---			14641680	FDSN	CR	--	MP	iLoc	BHN	???	_
PTJ	0.18	223.1	Sg	12:09:17.530	-0.2					T__				---			14641681	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.5 1																									
ZAG	0.23	207.1	Pb	12:09:14.190	-1.1					T__				---			14641682	FDSN	IR	--	ISC	iLoc	???	???	_
ZAG	0.23	207.1	Sg	12:09:19.390	0.4					T__				---			14641683	FDSN	IR	--	ISC	iLoc	???	???	_
ZAG	0.23	207.1	Pg	12:09:15.198	-0.1					T__	2.6	0.6		---	MLv	1.7	14641684	FDSN	CR	--	MP	iLoc	BHZ	BHZ	_
ZAG	0.23	207.1	Lg	12:09:19.967	1.0					T__				---			14641685	FDSN	CR	--	MP	iLoc	BHN	???	_
(Station ML : 1.7 1																									
KALN	0.24	66.3	Pg	12:09:13.900	-1.9					T__				---			14641686	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	0.24	66.3	Lg	12:09:17.940	-1.9					T__				---			14641687	FDSN	IR	--	ISC	iLoc	???	???	_

GOLS	0.36	266.3	Pg	12:09:18.300	0.6	T__							14641688	FDSN	IR	--	ISC	iLoc	??? ???	-	
GOLS	0.36	266.3	Lg	12:09:23.920	0.6	T__							14641689	FDSN	IR	--	ISC	iLoc	??? ???	-	
GOLS	0.36	266.3	x	12:09:29.050	-99.0	---			11.0	0.13			14641690	FDSN	IR	--	ISC	iLoc	??? ???	-	
GCIS	0.39	245.0	Pg	12:09:19.020	0.7	T__							14641691	FDSN	IR	--	ISC	iLoc	??? ???	-	
GCIS	0.39	245.0	x	12:09:29.040	-99.0	---			7.3	0.16			14641692	FDSN	IR	--	ISC	iLoc	??? ???	-	
KOGS	0.42	10.5	Pg	12:09:18.760	-0.2	T__							14641693	FDSN	IR	--	ISC	iLoc	??? ???	-	
KOGS	0.42	10.5	x	12:09:25.070	-99.0	---							14641694	FDSN	IR	--	ISC	iLoc	??? ???	-	
KOGS	0.42	10.5	Pg	12:09:19.604	0.6	T__	5.0		0.4			MLv	2.0	14641695	FDSN	SL	--	MP	iLoc	BHZ BHZ	-
KOGS	0.42	10.5	Lg	12:09:24.600	-0.6	T__							14641696	FDSN	SL	--	MP	iLoc	BHE ???	-	
(Station ML : 2.0 1)																					
DOBS	0.48	284.0	Lg	12:09:27.390	0.4	T__							14641697	FDSN	IR	--	ISC	iLoc	??? ???	-	
DOBS	0.48	284.0	x	12:09:28.570	-99.0	---			15.0	0.15			14641698	FDSN	IR	--	ISC	iLoc	??? ???	-	
CRES	0.52	246.5	Pg	12:09:21.522	0.8	T__	2.1		0.1			MLv	1.5	14641699	FDSN	SL	--	MP	iLoc	BHZ BHZ	-
CRES	0.52	246.5	Lg	12:09:28.479	-0.2	T__							14641700	FDSN	SL	--	MP	iLoc	BHN ???	-	
CRES	0.52	246.5	Pg	12:09:21.200	0.5	T__							14641701	FDSN	IR	--	ISC	iLoc	??? ???	-	
CRES	0.52	246.5	x	12:09:33.950	-99.0	---			11.0	0.19			14641702	FDSN	IR	--	ISC	iLoc	??? ???	-	
(Station ML : 1.5 0)																					
LEGS	0.58	261.7	Pg	12:09:22.390	0.6	T__							14641703	FDSN	IR	--	ISC	iLoc	??? ???	-	
BEHE	0.62	45.2	Pg	12:09:26.477	3.4	T__							14641704	FDSN	HU	--	MP	iLoc	BHZ ???	-	
BEHE	0.62	45.2	Lg	12:09:33.898	1.5	T__							14641705	FDSN	HU	--	MP	iLoc	BHE ???	-	
PDKS	0.80	272.3	Pg	12:09:26.100	0.3	T__							14641706	FDSN	IR	--	ISC	iLoc	??? ???	-	
BOJS	0.82	229.8	Pg	12:09:26.490	0.2	T__							14641707	FDSN	IR	--	ISC	iLoc	??? ???	-	
BOJS	0.82	229.8	x	12:09:42.610	-99.0	---			12.0	0.36			14641708	FDSN	IR	--	ISC	iLoc	??? ???	-	
SOKA	1.00	310.4	Pg	12:09:29.735	0.0	T__			2.6	0.24			14641709	FDSN	IR	--	ISC	iLoc	??? ???	-	
SOKA	1.00	310.4	Lg	12:09:42.883	-0.9	T__			3.5	0.24			14641710	FDSN	IR	--	ISC	iLoc	??? ???	-	
OBKA	1.20	293.8	Pn	12:09:33.670	0.1	T__			0.5	0.15			14641711	FDSN	IR	--	ISC	iLoc	??? ???	-	
OBKA	1.20	293.8	Lg	12:09:49.455	-1.3	T__			2.2	0.35			14641712	FDSN	IR	--	ISC	iLoc	??? ???	-	
OBKA	1.20	293.8	Pg	12:09:33.940	0.6	T__	2.1		0.1			MLv	2.2	14641713	FDSN	OE	--	MP	iLoc	BHZ BHZ	-
(Station ML : 2.2 0)																					
ARSA	1.29	341.0	Pn	12:09:34.075	-0.5	T__			1.8	0.30			14641714	FDSN	IR	--	ISC	iLoc	??? ???	-	
ARSA	1.29	341.0	Sn	12:09:52.809	-0.4	T__			2.8	0.35			14641715	FDSN	IR	--	ISC	iLoc	??? ???	-	
MPLH	1.49	39.9	Pn	12:09:38.894	1.4	T__	2.2		0.1			MLv	2.2	14641716	FDSN	HU	--	MP	iLoc	BHZ BHZ	-
(Station ML : 2.2 1)																					
NVLJ	1.72	211.8	Pn	12:09:41.940	0.7	T__							14641717	FDSN	IR	--	ISC	iLoc	??? ???	-	
NVLJ	1.72	211.8	Sn	12:10:05.220	1.0	T__							14641718	FDSN	IR	--	ISC	iLoc	??? ???	-	
DUGI	2.18	201.0	Pn	12:09:48.260	0.2	T__							14641719	FDSN	IR	--	ISC	iLoc	??? ???	-	
DUGI	2.18	201.0	Sn	12:10:16.370	-0.1	T__							14641720	FDSN	IR	--	ISC	iLoc	??? ???	-	
MORI	2.19	188.2	Pn	12:09:48.750	0.6	T__							14641721	FDSN	IR	--	ISC	iLoc	??? ???	-	
MORI	2.19	188.2	Sn	12:10:16.220	-0.3	T__							14641722	FDSN	IR	--	ISC	iLoc	??? ???	-	
ZIRJ	2.41	188.6	Pn	12:09:50.860	-0.5	T__							14641723	FDSN	IR	--	ISC	iLoc	??? ???	-	
ZIRJ	2.41	188.6	Sn	12:10:21.720	-0.2	T__							14641724	FDSN	IR	--	ISC	iLoc	??? ???	-	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/01/07	13:48:54.00	0.10	0.19	48.0351	19.4415	1.6	0.6	26	13.3F	0.9	18		182	0.33	2.56	a	ke IPEC	14513301	ISC			360
2015/01/07	13:48:53.70	0.75	1.13	48.0417	19.4297	3.2	2.5	163	7.3F	0.9	55	22	54	0.34	2.27	m	ke BUD	14641824	iLoc			94

Magnitude	Err	Nsta	Author	OrigID
ML	1.7		IPEC	14513301
ML	2.0	0.4	7 BUD	14641824

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
-----	------	------	-------	------	------	------	-------	------	------	-----	-----	-----	-----	------	-----------	-------	-----	--------	----	------	-----	-----	-----	---

PSZ	0.34	111.4	Pg	13:49:00.551	-0.6	T__	9.1	0.3	---	MLv	1.8	14641826	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.34	111.4	Sg	13:49:05.151	-1.6	T__			---			14641827	FDSN	GE	--	BUD	iLoc	BHN	???	_
PSZ	0.34	111.4	Lg	13:49:05.640	-1.1	T__			---			14641828	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.8 1																				
VYHS	0.60	319.0	Sg	13:49:14.100	-0.7	T__			---			14641829	FDSN	IR	--	ISC	iLoc	???	???	_
VYHS	0.60	319.0	Pg	13:49:06.057	0.2	T__	7.4	0.1	---	MLv	1.7	14641830	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.60	319.0	Lg	13:49:13.435	-1.3	T__			---			14641831	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 1.7 1																				
BUD	0.62	206.3	Pg	13:49:05.438	-1.2	T__	2.7	0.1	---	MLv	2.0	14641832	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BUD	0.62	206.3	Lg	13:49:14.907	-1.2	T__			---			14641833	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 2.0 1																				
SRO2	0.75	248.6	Lg	13:49:18.700	-1.1	T__			---			14641834	FDSN	IR	--	ISC	iLoc	???	???	_
SRO2	0.75	248.6	Sg	13:49:20.400	0.6	T__			---			14641835	FDSN	IR	--	ISC	iLoc	???	???	_
SRO	0.78	253.5	Pb	13:49:08.700	-0.7	T__			---			14641836	FDSN	IR	--	ISC	iLoc	???	???	_
SRO	0.78	253.5	Sg	13:49:20.400	-0.5	T__			---			14641837	FDSN	IR	--	ISC	iLoc	???	???	_
SRO	0.78	253.5	Sn	13:49:24.700	2.2	T__			---			14641838	FDSN	IR	--	ISC	iLoc	???	???	_
SRO	0.78	253.5	Pg	13:49:09.505	0.1	T__			---			14641839	FDSN	SK	--	BUD	iLoc	EHZ	???	_
SRO	0.78	253.5	Lg	13:49:19.953	-0.9	T__			---			14641840	FDSN	SK	--	BUD	iLoc	EHN	???	_
KECS	0.83	57.6	Pg	13:49:09.300	-0.8	T__			---			14641841	FDSN	IR	--	ISC	iLoc	???	???	_
KECS	0.83	57.6	Pb	13:49:09.889	-0.3	T__	8.6	0.8	---	MLv	2.9	14641842	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.83	57.6	Sg	13:49:21.384	-1.2	T__			---			14641843	FDSN	SK	--	BUD	iLoc	EHE	???	_
KECS	0.83	57.6	Lg	13:49:21.800	-0.8	T__			---			14641844	FDSN	IR	--	ISC	iLoc	???	???	_
KECS	0.83	57.6	Sn	13:49:24.400	0.5	T__			---			14641845	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.9 0																				
KOLL	0.87	308.5	Pg	13:49:10.900	-0.1	T__			---			14641846	FDSN	IR	--	ISC	iLoc	???	???	_
KOLL	0.87	308.5	Lg	13:49:22.100	-1.4	T__			---			14641847	FDSN	IR	--	ISC	iLoc	???	???	_
CSKK	1.04	229.7	Pn	13:49:13.690	0.2	T__			---			14641848	FDSN	IR	--	ISC	iLoc	???	???	_
CSKK	1.04	229.7	Pg	13:49:14.101	-0.2	T__			---			14641849	FDSN	HU	--	BUD	iLoc	SHN	???	_
CSKK	1.04	229.7	Sn	13:49:28.582	-0.4	T__			---			14641850	FDSN	HU	--	BUD	iLoc	SHE	???	_
LANS	1.11	1.3	Pg	13:49:16.000	0.5	T__	7.4	0.1	---	MLv	2.1	14641851	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	1.11	1.3	Sn	13:49:30.789	-0.4	T__			---			14641852	FDSN	SK	--	BUD	iLoc	EHN	???	_
LANS	1.11	1.3	Lg	13:49:33.200	1.9	T__			---			14641853	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.1 1																				
SMOL	1.42	290.2	Pg	13:49:21.300	-0.4	T__			---			14641854	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	1.43	305.6	Pg	13:49:22.318	0.5	T__			---			14641855	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
JAVC	1.43	305.6	Sn	13:49:40.516	1.8	T__			---			14641856	FDSN	CZ	--	BUD	iLoc	BHN	???	_
JAVC	1.43	305.6	Pn	13:49:20.300	1.1	T__			---			14641857	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	1.43	305.6	Pg	13:49:20.400	-1.5	T__			---			14641858	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	1.43	305.6	Sn	13:49:39.100	0.4	T__		11.5	0.83	---		14641859	FDSN	IR	--	ISC	iLoc	???	???	_
MODS	1.48	283.8	Pn	13:49:18.900	-0.9	T__			---			14641860	FDSN	IR	--	ISC	iLoc	???	???	_
MODS	1.48	283.8	Pg	13:49:22.500	-0.5	T__			---			14641861	FDSN	IR	--	ISC	iLoc	???	???	_
MODS	1.48	283.8	Sn	13:49:41.100	1.4	T__			---			14641862	FDSN	IR	--	ISC	iLoc	???	???	_
NIE	1.50	22.7	Lg	13:49:42.577	-0.9	T__			---			14641863	FDSN	PL	--	BUD	iLoc	BHE	???	_
MPLH	1.55	236.4	Pg	13:49:23.689	-0.6	T__			---			14641864	FDSN	HU	--	BUD	iLoc	BHZ	???	_
MPLH	1.55	236.4	Lg	13:49:44.254	-1.2	T__			---			14641865	FDSN	HU	--	BUD	iLoc	BHE	???	_
EGYH	1.55	246.9	Sn	13:49:42.667	1.3	T__			---			14641866	FDSN	HU	--	BUD	iLoc	SHN	???	_
TIH	1.55	223.1	Pn	13:49:22.577	1.9	T__	2.7	0.3	---	MLv	2.8	14641867	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 2.8 1																				
CRVS	1.60	56.7	Lg	13:49:47.900	-0.4	T__			---			14641868	FDSN	IR	--	ISC	iLoc	???	???	_
CRVS	1.60	56.7	Pg	13:49:23.854	-0.8	T__	1.4	0.0	---	MLv	1.6	14641869	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	1.60	56.7	Sn	13:49:44.849	0.6	T__			---			14641870	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 1.6 0																				
AMBH	1.91	151.9	Pn	13:49:29.078	3.4	T__			---			14641871	FDSN	HU	--	BUD	iLoc	SHZ	???	_

AMBH	1.91	151.9	Sn	13:49:52.123	2.0	T__									14641872	FDSN	HU	--	BUD	iLoc	SHN	???	-
LOSC	2.09	320.1	Sn	13:49:55.400	0.7	T__									14641873	FDSN	IR	--	ISC	iLoc	???	???	-
MORC	2.14	325.1	Sn	13:49:56.586	0.1	T__									14641874	FDSN	CZ	--	BUD	iLoc	BHN	???	-
KRUC	2.26	298.0	Pn	13:49:31.200	0.7	T__									14641875	FDSN	IR	--	ISC	iLoc	???	???	-
VRAC	2.27	305.0	Pn	13:49:31.500	0.8	T__									14641877	FDSN	IR	--	ISC	iLoc	???	???	-
VRAC	2.27	305.0	Sn	13:49:59.500	0.8	T__									14641879	FDSN	IR	--	ISC	iLoc	???	???	-
VRAC	2.27	305.0	Sn	13:49:59.600	0.8	T__									14641880	FDSN	IR	--	ISC	iLoc	???	???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2015/01/09	10:37:24.22	1.46	0.04	47.1854	17.9543				25.3	10.6	6	3	142	0.27	0.29	m	ke MP	14371497	sysop@virtcdc05				360
2015/01/09	10:37:26.97	1.46	1.08	47.1831	17.9554	8.8	5.9	138	10.0A		6	3	141	0.27	0.29	m	ke BUD	14642066	iLoc		281		

Magnitude	Err	Nsta	Author	OrigID
M	1.2	3	BUD	14371497
MLv	1.2	0.4	3 MP	14371497
ML	1.1	0.3	3 BUD	14642066

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.27	49.0	Pg	10:37:32.384	-0.6					T__	4.6	0.1			MLv	0.8	14642068	FDSN	HU	--	MP	iLoc	SHZ	SHZ	-
CSKK	0.27	49.0	Lg	10:37:38.287	0.8					T__						14642069	FDSN	HU	--	MP	iLoc	SHE	???	-	
(Station ML : 0.8 1																									
MPLH	0.28	267.6	Pg	10:37:32.405	-0.7					T__	1.9	0.1			MLv	1.1	14642070	FDSN	HU	--	MP	iLoc	BHZ	BHZ	-
MPLH	0.28	267.6	Lg	10:37:38.582	0.9					T__						14642071	FDSN	HU	--	MP	iLoc	BHN	???	-	
(Station ML : 1.1 1																									
TIH	0.29	189.3	Pg	10:37:32.510	-0.6					T__	2.1	0.3			MLv	1.6	14642072	FDSN	HU	--	MP	iLoc	SHZ	SHZ	-
TIH	0.29	189.3	Lg	10:37:38.709	0.9					T__						14642073	FDSN	HU	--	MP	iLoc	SHE	???	-	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2015/01/13	10:38:54.95	1.15	0.55	45.5092	16.1866				0.0	0.0	10	5	299	0.35	1.52	m	ke MP	14371563	sysop@virtcdc05				360
2015/01/13	10:38:56.60	0.23		45.4780	16.0960	0.0	0.0		3.7F	2.8	20			0.35	2.86	a	ke RHSSO	14513547	ISC			360	
2015/01/13	10:38:55.11	0.55	0.19	45.5057	16.1267	3.4	3.3	6	7.9F	2.5	15		5	1.49	1.49	a	ke VIE	14513543	ISC			360	
2015/01/13	10:38:55.19	0.97	1.38	45.5111	16.1018	3.6	2.9	42	2.8F	8.6	51	20	56	0.33	4.98	m	ke BUD	14642087	iLoc			78	

Magnitude	Err	Nsta	Author	OrigID
M	2.2	5	BUD	14371563
MLv	2.2	0.2	5 MP	14371563
ML	2.1		RHSSO	14513547
mb	1.7		VIE	14513543
ml	2.2		VIE	14513543
ML	2.2	0.1	5 BUD	14642087

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ZAG	0.33	345.7	Pg	10:39:01.080	-0.7					T__	3.3	1.0			MLv	2.2	14642089	FDSN	CR	--	MP	iLoc	BHN	BHZ	-
ZAG	0.33	345.7	Lg	10:39:05.760	-1.0					T__						14642090	FDSN	CR	--	MP	iLoc	BHN	???	-	
ZAG	0.33	345.8	Pg	10:39:03.000	1.2					T__						14642091	FDSN	IR	--	ISC	iLoc	???	???	-	
ZAG	0.33	345.8	Lg	10:39:08.500	1.7					T__						14642092	FDSN	IR	--	ISC	iLoc	???	???	-	
(Station ML : 2.2 1																									
PTJ	0.41	346.7	Pg	10:39:02.300	-1.3					T__						14642093	FDSN	IR	--	ISC	iLoc	???	???	-	

PTJ	0.41	346.7	Lg	10:39:07.850	-2.3	T__				14642094	FDSN	IR	--	ISC	iLoc	??? ???	_		
PTJ	0.41	346.8	Pg	10:39:02.450	-0.9	T__	4.1	0.4	---	MLv	2.0	14642095	FDSN	CR	--	MP	iLoc	BHZ BHZ	_
PTJ	0.41	346.8	Lg	10:39:08.100	-1.4	T__			---			14642096	FDSN	CR	--	MP	iLoc	BHN ???	_
(Station ML : 2.0 1																			
CRES	0.55	305.1	Pg	10:39:05.971	0.0	T__	1.8	0.1	---	MLv	1.8	14642097	FDSN	SL	--	MP	iLoc	BHZ BHZ	_
CRES	0.55	305.1	Lg	10:39:13.982	-0.4	T__			---			14642098	FDSN	SL	--	MP	iLoc	BHE ???	_
CRES	0.55	305.1	Pb	10:39:06.100	0.1	T__			---			14642099	FDSN	IR	--	ISC	iLoc	??? ???	_
CRES	0.55	305.1	Sg	10:39:14.200	-0.2	T__			---			14642100	FDSN	IR	--	ISC	iLoc	??? ???	_
(Station ML : 1.8 0																			
KALN	0.67	21.6	Pg	10:39:06.780	-2.0	T__			---			14642101	FDSN	IR	--	ISC	iLoc	??? ???	_
KALN	0.67	21.6	Lg	10:39:15.370	-3.5	T__			---			14642102	FDSN	IR	--	ISC	iLoc	??? ???	_
PRIJ	0.69	141.1	Pg	10:39:09.200	0.7	T__			---			14642103	FDSN	IR	--	ISC	iLoc	??? ???	_
PRIJ	0.69	141.1	Lg	10:39:18.200	-0.1	T__			---			14642104	FDSN	IR	--	ISC	iLoc	??? ???	_
KOGS	0.94	6.3	Pg	10:39:13.349	-0.4	T__	3.7	0.3	---	MLv	2.5	14642105	FDSN	SL	--	MP	iLoc	BHZ BHZ	_
KOGS	0.94	6.3	Lg	10:39:25.577	-1.8	T__			---			14642106	FDSN	SL	--	MP	iLoc	BHE ???	_
(Station ML : 2.5 0																			
BEHE	1.07	25.8	Pn	10:39:17.000	0.3	T__			---			14642107	FDSN	IR	--	ISC	iLoc	??? ???	_
BEHE	1.07	25.8	Pg	10:39:18.010	1.5	T__			---			14642108	FDSN	IR	--	ISC	iLoc	??? ???	_
BEHE	1.07	25.8	Lg	10:39:32.200	0.1	T__			---			14642109	FDSN	IR	--	ISC	iLoc	??? ???	_
BEHE	1.07	25.8	Sg	10:39:32.870	0.7	T__			---			14642110	FDSN	IR	--	ISC	iLoc	??? ???	_
BLY	1.08	134.5	Pg	10:39:15.000	-1.2	T__			---			14642111	FDSN	IR	--	ISC	iLoc	??? ???	_
BLY	1.08	134.5	Lg	10:39:30.100	-1.8	T__			---			14642112	FDSN	IR	--	ISC	iLoc	??? ???	_
RIY	1.16	261.3	Pn	10:39:17.800	0.1	T__			---			14642113	FDSN	IR	--	ISC	iLoc	??? ???	_
RIY	1.16	261.3	Lg	10:39:33.200	-0.7	T__			---			14642114	FDSN	IR	--	ISC	iLoc	??? ???	_
CEY	1.20	281.6	Pn	10:39:18.400	0.1	T__			---			14642115	FDSN	IR	--	ISC	iLoc	??? ???	_
CEY	1.20	281.6	Lg	10:39:34.700	-0.6	T__			---			14642116	FDSN	IR	--	ISC	iLoc	??? ???	_
LJU	1.22	296.4	Pn	10:39:18.700	0.1	T__			---			14642117	FDSN	IR	--	ISC	iLoc	??? ???	_
LJU	1.22	296.4	Sn	10:39:36.300	-0.8	T__			---			14642118	FDSN	IR	--	ISC	iLoc	??? ???	_
NVLJ	1.29	223.1	Pn	10:39:19.750	-0.2	T__			---			14642119	FDSN	IR	--	ISC	iLoc	??? ???	_
NVLJ	1.29	223.1	Sn	10:39:37.330	-1.2	T__			---			14642120	FDSN	IR	--	ISC	iLoc	??? ???	_
OBKA	1.47	313.2	Pg	10:39:23.971	0.8	T__		1.5	0.20	---		14642121	FDSN	IR	--	ISC	iLoc	??? ???	_
OBKA	1.47	313.2	Sn	10:39:42.778	-0.3	T__		5.6	0.42	---		14642122	FDSN	IR	--	ISC	iLoc	??? ???	_
OBKA	1.47	313.2	Pg	10:39:23.511	0.3	T__	1.2	0.1	---	MLv	2.3	14642123	FDSN	OE	--	MP	iLoc	BHZ BHZ	_
OBKA	1.47	313.2	Lg	10:39:43.412	-0.5	T__			---			14642124	FDSN	OE	--	MP	iLoc	BHE ???	_
(Station ML : 2.3 1																			
KIJV	1.52	171.7	Pn	10:39:24.030	0.6	T__			---			14642125	FDSN	IR	--	ISC	iLoc	??? ???	_
KIJV	1.52	171.7	Sn	10:39:44.680	-0.2	T__			---			14642126	FDSN	IR	--	ISC	iLoc	??? ???	_
MORI	1.67	189.8	Pn	10:39:26.170	0.5	T__			---			14642127	FDSN	IR	--	ISC	iLoc	??? ???	_
MORI	1.67	189.8	Sn	10:39:49.330	0.7	T__			---			14642128	FDSN	IR	--	ISC	iLoc	??? ???	_
DUGI	1.69	206.5	Pn	10:39:26.300	0.3	T__			---			14642129	FDSN	IR	--	ISC	iLoc	??? ???	_
DUGI	1.69	206.5	Sn	10:39:48.830	-0.5	T__			---			14642130	FDSN	IR	--	ISC	iLoc	??? ???	_
ZIRJ	1.89	190.2	Pn	10:39:28.810	0.0	T__			---			14642131	FDSN	IR	--	ISC	iLoc	??? ???	_
ZIRJ	1.89	190.2	Sn	10:39:55.250	1.2	T__			---			14642132	FDSN	IR	--	ISC	iLoc	??? ???	_
MORH	1.91	67.5	Pn	10:39:30.000	1.9	T__			---			14642133	FDSN	IR	--	ISC	iLoc	??? ???	_
MORH	1.91	67.5	Pg	10:39:30.110	-2.3	T__			---			14642134	FDSN	IR	--	ISC	iLoc	??? ???	_
MORH	1.91	67.5	Sn	10:39:54.300	1.0	T__			---			14642135	FDSN	IR	--	ISC	iLoc	??? ???	_
MORH	1.91	67.5	Lg	10:39:55.020	-3.8	T__			---			14642136	FDSN	IR	--	ISC	iLoc	??? ???	_
BBLs	2.87	123.8	Pn	10:39:43.100	1.2	T__			---			14642137	FDSN	IR	--	ISC	iLoc	??? ???	_
BBLs	2.87	123.8	Sn	10:40:17.500	0.3	T__			---			14642138	FDSN	IR	--	ISC	iLoc	??? ???	_
KECS	4.22	43.7	Pg	10:40:27.700	10.6	---			---			14642139	FDSN	IR	--	ISC	iLoc	??? ???	_
KECS	4.22	43.7	Sn	10:40:31.600	-18.8	---			---			14642140	FDSN	IR	--	ISC	iLoc	??? ???	_
KECS	4.22	43.7	Lg	10:40:33.900	-40.0	---			---			14642141	FDSN	IR	--	ISC	iLoc	??? ???	_
CRVS	4.98	45.2	Pg	10:40:34.800	3.6	T__			---			14642142	FDSN	IR	--	ISC	iLoc	??? ???	_

CRVS 4.98 45.2 Sn 10:40:42.900 -27.6 --- --- 14642143 FDSN IR -- ISC iLoc ??? ??? _

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/01/14	23:07:21.87	0.39	0.79	46.0611	17.1048				0.0	0.0	13	8	172	0.71	1.83	m	ke MP	14371777	sysop@virtcdc05			360
2015/01/14	23:07:20.61	1.46	0.90	46.0635	17.1013	9.1	4.2	162	4.0F	14.3	13	8	172	0.70	1.83	m	ke BUD	14642430	iLoc		220	

Magnitude	Err	Nsta	Author	OrigID
M	2.2	6	BUD	14371777
MLv	2.2	0.1	6 MP	14371777
ML	2.2	0.1	6 BUD	14642430

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOGS	0.70	303.4	Pg	23:07:35.360	0.8					T__	2.7	0.2			MLv	2.2	14642432	FDSN	SL	--	MP	iLoc	BHZ	BHZ	_
KOGS	0.70	303.4	Lg	23:07:43.456	-1.4					T__						14642433	FDSN	SL	--	MP	iLoc	BHE	???	_	
(Station ML : 2.2 1																									
PTJ	0.81	259.2	Pg	23:07:36.119	-0.3					T__	1.3	0.2			MLv	2.2	14642434	FDSN	CR	--	MP	iLoc	BHZ	BHZ	_
PTJ	0.81	259.2	Lg	23:07:47.293	-1.1					T__						14642435	FDSN	CR	--	MP	iLoc	BHE	???	_	
(Station ML : 2.2 1																									
ZAG	0.81	253.5	Lg	23:07:49.401	0.7					T__						14642436	FDSN	CR	--	MP	iLoc	BHN	???	_	
TIH	1.00	32.7	Pn	23:07:40.588	0.1					T__	2.6	0.3			MLv	2.5	14642437	FDSN	HU	--	MP	iLoc	SHZ	SHZ	_
TIH	1.00	32.7	Lg	23:07:55.009	-0.1					T__						14642438	FDSN	HU	--	MP	iLoc	SHN	???	_	
(Station ML : 2.5 0																									
MORH	1.08	81.4	Pg	23:07:42.456	0.4					T__	1.2	0.1			MLv	2.1	14642439	FDSN	HU	--	MP	iLoc	BHZ	BHZ	_
MORH	1.08	81.4	Lg	23:07:56.623	-1.2					T__						14642440	FDSN	HU	--	MP	iLoc	BHN	???	_	
(Station ML : 2.1 1																									
MPLH	1.15	15.1	Pg	23:07:43.468	0.2					T__	1.9	0.1			MLv	2.2	14642441	FDSN	HU	--	MP	iLoc	BHZ	BHZ	_
(Station ML : 2.2 1																									
CRES	1.17	258.9	Pn	23:07:43.666	0.6					T__	1.1	0.1			MLv	2.0	14642442	FDSN	SL	--	MP	iLoc	BHZ	BHZ	_
CRES	1.17	258.9	Lg	23:07:59.701	-0.6					T__						14642443	FDSN	SL	--	MP	iLoc	BHN	???	_	
(Station ML : 2.0 0																									
OBKA	1.83	285.1	Lg	23:08:19.886	-0.7					T__						14642444	FDSN	OE	--	MP	iLoc	BHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/01/15	14:21:13.50		0.60	46.1500	16.4110				3.3A							a	ke LJU	14514019	ISC			360
2015/01/15	14:21:13.70	0.39		46.0950	16.5190	0.0	0.0		6.3F	5.4	12			0.41	1.50	a	ke RHSSO	14514022	ISC			360
2015/01/15	14:21:12.43	0.90	0.55	46.1808	16.4681	5.3	3.7	100	15.0F	0.0	14			1.11	1.36	a	ke VIE	14514016	ISC			360
2015/01/15	14:21:12.78	0.88	0.89	46.1358	16.4558	4.0	2.7	132	12.3F	8.6	48	21	72	0.34	2.55	m	ke BUD	14642470	iLoc			123

Magnitude	Err	Nsta	Author	OrigID
ML	1.5		LJU	14514019
ML	1.9		RHSSO	14514022
ml	1.6		VIE	14514016
ML	2.1	0.3	5 BUD	14642470

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOGS	0.34	335.6	x	14:21:25.500	-99.0							21.0	0.05			14642472	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.34	335.6	Pg	14:21:19.506	-0.5					T__	2.4	0.3			MLv	1.7	14642473	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.34	335.6	Lg	14:21:24.583	-0.8					T__						14642474	FDSN	SL	--	BUD	iLoc	BHN	???	_	

(Station ML : 1.7 0

BEHE	0.40	33.4	Pb	14:21:21.400	0.1
BEHE	0.40	33.4	Sg	14:21:28.420	0.8
BEHE	0.40	33.4	Pg	14:21:22.354	1.1
BEHE	0.40	33.4	Lg	14:21:28.048	0.4
PTJ	0.41	236.2	Pg	14:21:20.947	-0.3
PTJ	0.41	236.2	Lg	14:21:27.637	0.1
PTJ	0.41	236.2	Lg	14:21:27.380	-0.8

(Station ML : 1.9 1

ZAG	0.45	226.8	Pb	14:21:22.000	0.0
ZAG	0.45	226.8	Sg	14:21:28.900	0.1
ZAG	0.45	226.8	Pg	14:21:21.285	-0.7
ZAG	0.45	226.8	Lg	14:21:29.729	0.9

(Station ML : 2.4 1

GOLS	0.59	258.1	Pg	14:21:24.520	-0.1
GOLS	0.59	258.1	x	14:21:38.200	-99.0
GCIS	0.64	245.3	Pg	14:21:25.330	-0.1
GCIS	0.64	245.3	Lg	14:21:34.410	-0.3
GCIS	0.64	245.3	x	14:21:37.400	-99.0
DOBS	0.69	271.5	Pg	14:21:25.970	-0.3
CRES	0.76	246.4	Pg	14:21:28.014	0.3
CRES	0.76	246.4	Lg	14:21:39.232	0.6
CRES	0.76	246.4	Pb	14:21:27.600	-0.1
CRES	0.76	246.4	Pn	14:21:27.810	-0.8
CRES	0.76	246.4	x	14:21:41.920	-99.0

(Station ML : 2.1 1

PDKS	1.02	266.3	Pn	14:21:32.060	-0.0
SOKA	1.12	299.4	Pn	14:21:34.270	0.7
SOKA	1.12	299.4	Sn	14:21:49.344	-0.4
MPLH	1.28	35.4	Pn	14:21:35.900	0.2
MPLH	1.28	35.4	Sn	14:21:51.580	-2.1
ARSA	1.29	330.4	Sn	14:21:51.788	-1.7
ARSA	1.29	330.4	Pn	14:21:36.446	0.7
ARSA	1.29	330.4	Lg	14:21:54.124	-0.9
OBKA	1.37	286.5	Pn	14:21:38.188	1.1
OBKA	1.37	286.5	Sn	14:21:56.882	0.8
OBKA	1.37	286.5	Sn	14:21:56.483	0.4
BLY	1.44	159.0	Sn	14:21:59.227	1.7
CEY	1.47	255.1	Pg	14:21:40.700	0.1
CEY	1.47	255.1	Lg	14:22:01.400	0.9
BLY	1.48	159.5	Pn	14:21:39.400	0.7
BLY	1.48	159.5	Sn	14:21:59.000	0.6
MORH	1.52	86.2	Sn	14:21:59.900	0.6
MORH	1.52	86.2	Lg	14:22:00.600	-3.1
MORH	1.52	86.2	Pn	14:21:40.090	1.1
MORH	1.52	86.2	Sn	14:21:59.095	-0.2

(Station ML : 2.4 0

KIJV	2.13	181.0	Pn	14:21:48.040	-0.3
KIJV	2.13	181.0	Sn	14:22:13.930	-1.2
MORI	2.33	193.4	Pn	14:21:51.130	-0.2
MORI	2.33	193.4	Sn	14:22:19.630	-0.5
DUGI	2.36	205.3	Pn	14:21:51.130	-0.6
DUGI	2.36	205.3	Sn	14:22:20.820	-0.2

T__					14642475	FDSN	IR	--	ISC	iLoc	??? ???	_	
T__					14642476	FDSN	IR	--	ISC	iLoc	??? ???	_	
T__					14642477	FDSN	HU	--	BUD	iLoc	BHZ ???	_	
T__					14642478	FDSN	HU	--	BUD	iLoc	BHN ???	_	
T__	2.0	0.3		MLv	1.9	14642479	FDSN	CR	--	BUD	iLoc	BHZ BHZ	_
T__					14642480	FDSN	CR	--	BUD	iLoc	BHN ???	_	
T__					14642481	FDSN	IR	--	ISC	iLoc	??? ???	_	
T__					14642482	FDSN	IR	--	ISC	iLoc	??? ???	_	
T__					14642483	FDSN	IR	--	ISC	iLoc	??? ???	_	
T__	2.5	0.7		MLv	2.4	14642484	FDSN	CR	--	BUD	iLoc	BHZ BHZ	_
T__					14642485	FDSN	CR	--	BUD	iLoc	BHE ???	_	
T__					14642486	FDSN	IR	--	ISC	iLoc	??? ???	_	
---		12.0	0.21	---		14642487	FDSN	IR	--	ISC	iLoc	??? ???	_
T__						14642488	FDSN	IR	--	ISC	iLoc	??? ???	_
T__						14642489	FDSN	IR	--	ISC	iLoc	??? ???	_
---		7.7	0.16	---		14642490	FDSN	IR	--	ISC	iLoc	??? ???	_
T__						14642491	FDSN	IR	--	ISC	iLoc	??? ???	_
T__	3.0	0.2		MLv	2.1	14642492	FDSN	SL	--	BUD	iLoc	BHZ BHZ	_
T__						14642493	FDSN	SL	--	BUD	iLoc	BHN ???	_
T__						14642494	FDSN	IR	--	ISC	iLoc	??? ???	_
---						14642495	FDSN	IR	--	ISC	iLoc	??? ???	_
---		12.0	0.21	---		14642496	FDSN	IR	--	ISC	iLoc	??? ???	_
T__						14642497	FDSN	IR	--	ISC	iLoc	??? ???	_
T__		0.1	0.06	---		14642498	FDSN	IR	--	ISC	iLoc	??? ???	_
T__		0.5	0.08	---		14642499	FDSN	IR	--	ISC	iLoc	??? ???	_
T__						14642500	FDSN	IR	--	ISC	iLoc	??? ???	_
T__						14642501	FDSN	IR	--	ISC	iLoc	??? ???	_
T__						14642502	FDSN	OE	--	BUD	iLoc	BHE ???	_
T__		0.7	0.18	---		14642503	FDSN	IR	--	ISC	iLoc	??? ???	_
T__		0.6	0.12	---		14642504	FDSN	IR	--	ISC	iLoc	??? ???	_
T__		0.1	0.10	---		14642505	FDSN	IR	--	ISC	iLoc	??? ???	_
T__		1.2	0.32	---		14642506	FDSN	IR	--	ISC	iLoc	??? ???	_
T__						14642507	FDSN	OE	--	BUD	iLoc	BHE ???	_
T__						14642508	FDSN	MN	--	BUD	iLoc	BHE ???	_
T__						14642509	FDSN	IR	--	ISC	iLoc	??? ???	_
T__						14642510	FDSN	IR	--	ISC	iLoc	??? ???	_
T__						14642511	FDSN	IR	--	ISC	iLoc	??? ???	_
T__						14642512	FDSN	IR	--	ISC	iLoc	??? ???	_
T__						14642513	FDSN	IR	--	ISC	iLoc	??? ???	_
T__						14642514	FDSN	IR	--	ISC	iLoc	??? ???	_
T__	1.0	0.1		MLv	2.4	14642515	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
T__						14642516	FDSN	HU	--	BUD	iLoc	BHN ???	_
T__						14642517	FDSN	IR	--	ISC	iLoc	??? ???	_
T__						14642518	FDSN	IR	--	ISC	iLoc	??? ???	_
T__						14642519	FDSN	IR	--	ISC	iLoc	??? ???	_
T__						14642520	FDSN	IR	--	ISC	iLoc	??? ???	_
T__						14642521	FDSN	IR	--	ISC	iLoc	??? ???	_
T__						14642522	FDSN	IR	--	ISC	iLoc	??? ???	_

ZIRJ	2.55	193.4	Pn	14:21:54.450	-0.0	T__	---	14642523	FDSN	IR	--	ISC	iLoc	??? ???	_
ZIRJ	2.55	193.4	Sn	14:22:25.330	-0.2	T__	---	14642524	FDSN	IR	--	ISC	iLoc	??? ???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/01/18	21:02:18.90		0.40	45.9790	15.9880				1.1A							a	ke LJU	14514482	ISC			360
2015/01/18	21:02:19.50	0.74	0.55	45.9935	15.9837	4.6	2.3	100	2.0F	0.0	14		3	0.95	1.12	a	ke VIE	14514479	ISC			360
2015/01/18	21:02:18.47	1.03	0.58	45.9649	16.0184	4.9	3.5	124	3.2F	9.2	27	13	125	0.07	2.33	m	ke BUD	14642803	iLoc			168

Magnitude	Err	Nsta	Author	OrigID
ML	1.0		LJU	14514482
m1	1.3		VIE	14514479
ML	1.7	0.2	5 BUD	14642803

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PTJ	0.07	211.3	Pg	21:02:20.221	0.1					T__	8.9	0.6		_d_	MLv	1.2	14642805	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.07	211.3	Lg	21:02:21.404	-0.0					T__							14642806	FDSN	CR	--	BUD	iLoc	BHN	???	_
PTJ	0.07	211.3	Sg	21:02:21.250	-0.9					T__							14642807	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.2 0)																									
ZAG	0.14	189.1	Sg	21:02:24.110	0.3					T__							14642808	FDSN	IR	--	ISC	iLoc	???	???	_
ZAG	0.14	189.1	Pg	21:02:21.679	0.2					T__	5.4	0.9			MLv	1.7	14642809	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.14	189.1	Lg	21:02:24.217	0.4					T__							14642810	FDSN	CR	--	BUD	iLoc	BHE	???	_
(Station ML : 1.7 1)																									
GOLS	0.28	279.6	Pg	21:02:24.570	0.4					T__							14642811	FDSN	IR	--	ISC	iLoc	???	???	_
GOLS	0.28	279.6	x	21:02:30.180	-99.0					---		5.3	0.10				14642812	FDSN	IR	--	ISC	iLoc	???	???	_
GCIS	0.29	250.4	Pg	21:02:24.550	0.3					T__							14642813	FDSN	IR	--	ISC	iLoc	???	???	_
GCIS	0.29	250.4	x	21:02:29.120	-99.0					---		8.6	0.12				14642814	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	0.35	61.2	Pg	21:02:25.560	-0.2					T__							14642815	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	0.35	61.2	Lg	21:02:30.540	-0.8					T__							14642816	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	0.42	250.7	Pg	21:02:26.825	0.2					T__	1.5	0.1			MLv	1.3	14642817	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.42	250.7	Lg	21:02:32.073	-1.0					T__							14642818	FDSN	SL	--	BUD	iLoc	BHE	???	_
CRES	0.42	250.7	Pg	21:02:27.030	0.4					T__							14642819	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	0.42	250.7	x	21:02:34.760	-99.0					---		8.0	0.08				14642820	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.3 1)																									
DOBS	0.42	296.0	Pg	21:02:27.500	0.7					T__							14642821	FDSN	IR	--	ISC	iLoc	???	???	_
DOBS	0.42	296.0	x	21:02:34.280	-99.0					---		10.0	0.12				14642822	FDSN	IR	--	ISC	iLoc	???	???	_
KOGS	0.51	18.3	Pg	21:02:29.310	0.7					T__							14642823	FDSN	IR	--	ISC	iLoc	???	???	_
KOGS	0.51	18.3	Pg	21:02:29.209	0.6					T__	1.3	0.1			MLv	1.8	14642824	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.51	18.3	Lg	21:02:36.207	0.0					T__							14642825	FDSN	SL	--	BUD	iLoc	BHE	???	_
(Station ML : 1.8 1)																									
OZLJ	0.52	228.0	Pg	21:02:28.730	0.2					T__							14642826	FDSN	IR	--	ISC	iLoc	???	???	_
OZLJ	0.52	228.0	Lg	21:02:36.170	-0.2					T__							14642827	FDSN	IR	--	ISC	iLoc	???	???	_
VISS	0.84	259.3	Pg	21:02:34.730	0.2					T__							14642828	FDSN	IR	--	ISC	iLoc	???	???	_
SOKA	0.99	316.6	Pn	21:02:38.486	0.0					T__							14642829	FDSN	IR	--	ISC	iLoc	???	???	_
SOKA	0.99	316.6	Lg	21:02:50.428	-0.9					T__		0.6	0.18				14642830	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	1.16	298.6	Pg	21:02:40.516	0.0					T__		0.3	0.15				14642831	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	1.16	298.6	Lg	21:02:56.801	-0.4					T__		2.3	0.43				14642832	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	1.16	298.6	Pn	21:02:41.988	1.1					T__	1.2	0.1			MLv	2.0	14642833	FDSN	OE	--	BUD	iLoc	BHN	BHZ	_
OBKA	1.16	298.6	Sg	21:02:56.533	-0.7					T__							14642834	FDSN	OE	--	BUD	iLoc	BHN	???	_
(Station ML : 2.0 0)																									
ZIRJ	2.33	186.7	Sn	21:03:27.490	-0.4					T__							14642835	FDSN	IR	--	ISC	iLoc	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/01/23	02:36:47.40	0.12	0.20	47.9572	16.4432	1.3	0.8	89	16.0F	2.0	15	159	0.28	1.47	a	ke	IPEC	14514910	ISC			360
2015/01/23	02:36:47.10	0.00		47.9800	16.3700				0.0A		12					a	ke	PRU	14514905	ISC		360
2015/01/23	02:36:47.62	0.16	0.28	47.9115	16.4264	2.5	1.2	152	10.0F	1.8	13	1	0.38	1.45	a	ke	VIE	14514907	ISC			360
2015/01/23	02:36:47.00	0.84	0.95	47.9612	16.3810	5.1	3.9	42	7.3F	2.4	26	10	124	0.30	2.20	m	ke	BUD	14643224	iLoc		129

Magnitude	Err	Nsta	Author	OrigID
ML	1.0		IPEC	14514910
ml	1.3		VIE	14514907

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
SOP	0.30	156.7	Pg	02:36:53.540	0.2					T__	1.5	0.0			MLv	0.7	14643226	FDSN	HU	--	BUD	iLoc	BHN	BHZ	_
SOP	0.30	156.7	Sg	02:36:57.416	-0.6					T__							14643227	FDSN	HU	--	BUD	iLoc	BHE	???	_
SOP	0.30	156.7	Lg	02:36:57.600	-0.4					T__							14643228	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	0.35	264.8	Pg	02:36:55.071	0.8					T__		0.4	0.10				14643229	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	0.35	264.8	Pg	02:36:55.100	0.8					T__							14643230	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	0.35	264.8	Lg	02:37:00.927	1.1					T__		0.6	0.06				14643231	FDSN	IR	--	ISC	iLoc	???	???	_
EGYH	0.84	130.0	Pn	02:37:06.418	2.2					T__							14643232	FDSN	HU	--	BUD	iLoc	SHZ	???	_
EGYH	0.84	130.0	Lg	02:37:14.020	-1.7					T__							14643233	FDSN	HU	--	BUD	iLoc	SHE	???	_
ARSA	0.92	219.5	Pn	02:37:05.076	-0.1					T__		0.2	0.12				14643234	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	0.92	219.5	Sg	02:37:17.165	-0.6					T__		0.5	0.20				14643235	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	0.92	219.5	Lg	02:37:15.907	-1.9					T__							14643236	FDSN	OE	--	BUD	iLoc	BHE	???	_
KRUC	1.10	0.5	Pn	02:37:08.000	0.2					T__							14643237	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.10	0.5	Lg	02:37:22.300	-0.7					T__		1.6	0.13				14643239	FDSN	IR	--	ISC	iLoc	???	???	_
MPLH	1.11	134.8	Pg	02:37:09.046	0.0					T__	1.3	0.0			MLv	1.6	14643240	FDSN	HU	--	BUD	iLoc	BHE	BHZ	_
MPLH	1.11	134.8	Lg	02:37:24.346	-0.0					T__							14643241	FDSN	HU	--	BUD	iLoc	BHN	???	_
VRAC	1.36	5.9	Pn	02:37:12.000	0.7					T__							14643242	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.36	5.9	Sn	02:37:29.500	-0.4					T__		1.8	0.28				14643244	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.36	5.9	Sn	02:37:29.600	-0.4					T__							14643245	FDSN	IR	--	ISC	iLoc	???	???	_
MOA	1.43	266.3	Pg	02:37:14.249	-0.4					T__		0.1	0.08				14643246	FDSN	IR	--	ISC	iLoc	???	???	_
MOA	1.43	266.3	Pb	02:37:14.700	0.0					T__							14643247	FDSN	IR	--	ISC	iLoc	???	???	_
MOA	1.43	266.3	Lg	02:37:34.298	0.2					T__		0.1	0.10				14643248	FDSN	IR	--	ISC	iLoc	???	???	_
TREC	1.46	336.4	Pn	02:37:12.900	0.1					T__							14643249	FDSN	IR	--	ISC	iLoc	???	???	_
TREC	1.46	336.4	Sn	02:37:33.600	0.8					T__		2.1	0.20				14643250	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	2.20	303.2	Lg	02:37:56.000	-1.5					T__							14643251	FDSN	IR	--	ISC	iLoc	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2015/01/27	04:00:47.97	1.19	1.09	48.7812	19.3797	6.9	4.6	118	8.8F	11.1	12	7	137	0.37	1.47	m	ke	BUD	14643512	iLoc			210

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	6 BUD	14643512

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
LANS	0.37	8.9	Pg	04:00:55.437	-0.1					T__	14.0	0.2			MLv	1.7	14643514	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.37	8.9	Lg	04:01:00.480	-0.8					T__							14643515	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 1.7 1																									
VYHS	0.46	231.6	Pg	04:00:57.975	0.6					T__	1.2	0.0			MLv	1.0	14643516	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.46	231.6	Lg	04:01:04.288	-0.1					T__							14643517	FDSN	SK	--	BUD	iLoc	HHN	???	_

(Station ML : 1.0 0																					
KECS 0.79 111.7 Pn	04:01:04.116	-0.2	T__	5.2	0.6	---	MLv	2.7	14643518	FDSN	SK	--	BUD	iLoc	EZH	EZH	_				
KECS 0.79 111.7 Lg	04:01:13.413	-1.9	T__			---			14643519	FDSN	SK	--	BUD	iLoc	EZH	???	_				
(Station ML : 2.7 0																					
NIE 0.89 43.5 Pn	04:01:05.557	-0.3	T__	1.8	0.1	---	MLv	1.8	14643520	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_				
NIE 0.89 43.5 Lg	04:01:17.255	-0.3	T__			---			14643521	FDSN	PL	--	BUD	iLoc	BHE	???	_				
(Station ML : 1.8 1																					
PSZ 0.93 158.1 Pn	04:01:06.415	-0.0	T__	1.7	0.1	---	MLv	2.0	14643522	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_				
PSZ 0.93 158.1 Lg	04:01:19.279	-1.5	T__			---			14643523	FDSN	GE	--	BUD	iLoc	BHN	???	_				
(Station ML : 2.0 1																					
CRVS 1.38 84.2 Pg	04:01:15.711	1.6	T__	2.3	0.0	---	MLv	1.9	14643524	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_				
(Station ML : 1.9 1																					
OJC 1.47 10.6 Sn	04:01:35.643	0.4	T__			---			14643525	FDSN	PL	--	BUD	iLoc	BHE	???	_				

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/01/28	23:41:20.50	0.20	0.19	47.7442	17.7373	1.8	0.9	166	27.5F	1.3	16		199	0.39	1.74	a	ke IPEC	14515429	ISC			360
2015/01/28	23:41:20.98	0.89	1.15	47.7918	17.6961	4.4	3.1	78	12.6F	10.6	32	13	102	0.42	1.71	m	ke BUD	14643702	iLoc			125

Magnitude	Err	Nsta	Author	OrigID
ML	0.9		IPEC	14515429
ML	2.0	0.3	6 BUD	14643702

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SRO	0.42	86.8	Pg	23:41:29.062	-0.6					T__	3.9	0.9		---	MLv	2.4	14643704	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SRO	0.42	86.8	Lg	23:41:35.374	-0.5					T__				---			14643705	FDSN	SK	--	BUD	iLoc	EHZ	???	_
SRO	0.42	86.8	Sg	23:41:37.000	1.1					T__				---			14643706	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.4 0																									
EGYH	0.45	213.5	Pg	23:41:26.350	-4.0					---				---			14643707	FDSN	IR	--	ISC	iLoc	???	???	_
EGYH	0.45	213.5	Sg	23:41:34.680	-2.4					T__				---			14643708	FDSN	IR	--	ISC	iLoc	???	???	_
EGYH	0.45	213.4	Pb	23:41:26.464	-3.9					---	2.0	0.2		---	MLv	1.9	14643709	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	0.45	213.4	Lg	23:41:34.478	-2.5					T__				---			14643710	FDSN	HU	--	BUD	iLoc	SHE	???	_
(Station ML : 1.9 1																									
ZST	0.57	315.6	Pg	23:41:33.300	0.7					T__				---			14643711	FDSN	IR	--	ISC	iLoc	???	???	_
ZST	0.57	315.6	Lg	23:41:40.300	-0.3					T__				---			14643712	FDSN	IR	--	ISC	iLoc	???	???	_
CSKK	0.57	138.1	Pg	23:41:32.957	0.3					T__	5.8	0.1		---	MLv	1.6	14643713	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.57	138.1	Lg	23:41:40.143	-0.9					T__				---			14643714	FDSN	HU	--	BUD	iLoc	SHE	???	_
(Station ML : 1.6 1																									
MPLH	0.63	189.8	Pg	23:41:33.540	-0.3					T__				---			14643715	FDSN	IR	--	ISC	iLoc	???	???	_
MPLH	0.63	189.8	Pb	23:41:33.929	0.2					T__	2.5	0.2		---	MLv	2.1	14643716	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.63	189.8	Lg	23:41:42.780	-0.0					T__				---			14643717	FDSN	HU	--	BUD	iLoc	BHZ	???	_
MPLH	0.63	189.8	Sn	23:41:44.340	-1.1					T__				---			14643718	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.1 1																									
MODS	0.65	334.4	Pg	23:41:34.000	-0.1					T__				---			14643719	FDSN	IR	--	ISC	iLoc	???	???	_
MODS	0.65	334.4	Lg	23:41:43.900	0.7					T__				---			14643720	FDSN	IR	--	ISC	iLoc	???	???	_
MODS	0.65	334.4	Sn	23:41:44.900	-0.9					T__				---			14643721	FDSN	IR	--	ISC	iLoc	???	???	_
SMOL	0.74	346.2	Pn	23:41:36.500	0.3					T__				---			14643722	FDSN	IR	--	ISC	iLoc	???	???	_
SMOL	0.74	346.2	Sn	23:41:47.500	-0.5					T__				---			14643723	FDSN	IR	--	ISC	iLoc	???	???	_
SMOL	0.74	346.2	Lg	23:41:48.000	1.7					T__				---			14643724	FDSN	IR	--	ISC	iLoc	???	???	_
TIH	0.90	171.6	Pg	23:41:39.281	0.4					T__	3.0	0.2		---	MLv	2.4	14643725	FDSN	HU	--	BUD	iLoc	SHE	SHZ	_
TIH	0.90	171.6	Sn	23:41:52.180	0.2					T__				---			14643726	FDSN	HU	--	BUD	iLoc	SHE	???	_
TIH	0.90	171.4	Pb	23:41:40.640	1.8					T__				---			14643727	FDSN	IR	--	ISC	iLoc	???	???	_

(Station ML : 2.4 1

KOLL	0.92	30.7	Pn	23:41:37.800	-0.8	T__									14643728	FDSN	IR	--	ISC	iLoc	??? ???	_
VYHS	1.04	47.0	Pn	23:41:39.971	-0.3	T__	1.0	0.0					MLv	1.4	14643729	FDSN	SK	--	BUD	iLoc	HHZ HHZ	_
VYHS	1.04	47.0	Sn	23:41:53.556	-1.5	T__									14643730	FDSN	SK	--	BUD	iLoc	HHN ???	_
VYHS	1.04	47.0	Lg	23:41:53.800	-2.2	T__									14643731	FDSN	IR	--	ISC	iLoc	??? ???	_

(Station ML : 1.4 0

KRUC	1.54	326.2	Sn	23:42:06.700	-0.4	T__									14643732	FDSN	IR	--	ISC	iLoc	??? ???	_
KRUC	1.54	326.2	Sn	23:42:06.700	-0.4	T__		0.8	0.30						14643733	FDSN	IR	--	ISC	iLoc	??? ???	_
VRAC	1.69	334.6	Sn	23:42:10.400	-0.2	T__									14643734	FDSN	IR	--	ISC	iLoc	??? ???	_
VRAC	1.69	334.6	Sn	23:42:10.400	-0.2	T__		1.0	0.31						14643735	FDSN	IR	--	ISC	iLoc	??? ???	_
MORH	1.71	157.3	Pn	23:41:51.240	1.7	T__									14643736	FDSN	IR	--	ISC	iLoc	??? ???	_
MORH	1.71	157.3	Sn	23:42:12.480	1.0	T__									14643737	FDSN	IR	--	ISC	iLoc	??? ???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/01/29	05:53:24.60	0.30		45.6770	18.8960	0.0	0.0		0.0F	0.0	26			0.82	3.13	a	ke BEO	14515481	ISC			360
2015/01/29	05:53:24.40		0.69	45.7000	18.8800				12.0A				1	2.78	3.82	a	ke CSEM	14515478	ISC			360
2015/01/29	05:53:23.76	0.37	1.06	45.7970	18.8568				11.8	3.5	12	10	61	0.44	2.38	m	ke MP	14373173	sysop@mp-virt131			360
2015/01/29	05:53:24.10	0.30		45.6680	18.8250	0.0	0.0		3.7F	2.7	25			0.56	3.49	a	ke RHSSO	14515484	ISC			360
2015/01/29	05:53:22.97	0.98	1.89	45.7031	18.8568	2.8	2.1	55	4.5F	8.2	100	41	45	0.53	3.82	m	ke BUD	14643765	iLoc			63

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		BEO	14515481
ml	2.3		CSEM	14515478
M	2.8	8	BUD	14373173
MLv	2.8	0.3	8 MP	14373173
ML	2.6		RHSSO	14515484
ML	2.8	0.2	10 BUD	14643765

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
MORH	0.53	343.9	Lg	05:53:41.900	0.1					T__						14643767	FDSN	IR	--	ISC	iLoc	??? ???	_	
MORH	0.53	343.9	Lg	05:53:41.970	0.1					T__						14643768	FDSN	IR	--	ISC	iLoc	??? ???	_	
MORH	0.53	344.0	Pg	05:53:34.416	0.7					T__	14.7	0.8			MLv	2.7	14643769	FDSN	HU	--	MP	iLoc	BHZ BHZ	_
(Station ML : 2.7 1																								
FRGS	0.86	128.8	Pg	05:53:40.100	0.6					T__						14643770	FDSN	IR	--	ISC	iLoc	??? ???	_	
FRGS	0.86	128.8	Lg	05:53:51.000	-1.4					T__						14643771	FDSN	IR	--	ISC	iLoc	??? ???	_	
FRGS	0.86	128.8	Sg	05:53:52.100	-0.3					T__						14643772	FDSN	IR	--	ISC	iLoc	??? ???	_	
FRGS	0.89	129.1	Pb	05:53:40.826	0.6					T__	5.3	0.4			MLv	2.6	14643773	FDSN	SJ	--	MP	iLoc	HHZ HHZ	_
(Station ML : 2.6 0																								
TEKS	1.25	157.4	Pn	05:53:45.700	-0.2					T__						14643774	FDSN	IR	--	ISC	iLoc	??? ???	_	
TEKS	1.25	157.4	Pg	05:53:47.600	0.6					T__						14643775	FDSN	IR	--	ISC	iLoc	??? ???	_	
TEKS	1.25	157.4	Sn	05:54:02.700	-0.9					T__						14643776	FDSN	IR	--	ISC	iLoc	??? ???	_	
TEKS	1.25	157.4	Sn	05:54:02.800	-0.9					T__						14643777	FDSN	IR	--	ISC	iLoc	??? ???	_	
TIH	1.37	331.2	Pn	05:53:48.630	0.9					T__						14643778	FDSN	IR	--	ISC	iLoc	??? ???	_	
TIH	1.37	331.2	Lg	05:54:09.850	0.6					T__						14643779	FDSN	IR	--	ISC	iLoc	??? ???	_	
TIH	1.37	331.1	Pg	05:53:50.396	0.4					T__						14643780	FDSN	HU	--	MP	iLoc	SHZ ???	_	
AMBH	1.45	62.9	Sn	05:53:51.580	-17.2											14643781	FDSN	IR	--	ISC	iLoc	??? ???	_	
AMBH	1.45	62.9	Lg	05:54:12.010	-0.9					T__						14643782	FDSN	IR	--	ISC	iLoc	??? ???	_	
AMBH	1.45	62.9	Pg	05:53:51.252	-0.2					T__	2.8	0.5			MLv	3.0	14643783	FDSN	HU	--	MP	iLoc	SHZ SHZ	_
(Station ML : 3.0 1																								
MOSL	1.48	267.3	Pn	05:53:50.770	1.1					T__						14643784	FDSN	IR	--	ISC	iLoc	??? ???	_	
MOSL	1.48	267.3	Sn	05:54:10.420	0.2					T__						14643785	FDSN	IR	--	ISC	iLoc	??? ???	_	

BLY	1.50	232.9	Pg	05:53:51.596	-0.5	T__	3.6	0.2	___	MLv	2.6	14643786	FDSN	MN	--	MP	iLoc	BHZ	BHZ	_
BLY	1.52	231.7	Pn	05:53:51.000	1.0	T__			___			14643787	FDSN	IR	--	ISC	iLoc	???	???	_
BLY	1.52	231.7	Sn	05:54:10.800	0.2	T__			___			14643788	FDSN	IR	--	ISC	iLoc	???	???	_
BLY	1.52	231.7	Lg	05:54:12.800	-0.2	T__			___			14643789	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.6 1																				
BEHE	1.64	298.7	Pn	05:53:53.100	1.3	T__			___			14643790	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	1.64	298.7	Sn	05:53:58.420	-15.5	___			___			14643791	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	1.64	298.7	Lg	05:54:15.300	-2.8	T__			___			14643792	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	1.64	298.7	Sg	05:54:21.130	3.1	T__			___			14643793	FDSN	IR	--	ISC	iLoc	???	???	_
CSKK	1.71	346.3	Lg	05:54:20.090	-0.1	T__			___			14643794	FDSN	IR	--	ISC	iLoc	???	???	_
MPLH	1.73	328.6	Pn	05:53:50.757	-1.9	T__	1.9	0.1	___	MLv	2.6	14643795	FDSN	HU	--	MP	iLoc	BHZ	BHZ	_
MPLH	1.73	328.6	Pg	05:53:53.770	-2.9	T__			___			14643796	FDSN	IR	--	ISC	iLoc	???	???	_
MPLH	1.73	328.6	Lg	05:54:23.010	2.2	T__			___			14643797	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.6 0																				
KALN	1.73	285.2	Pn	05:53:53.470	0.2	T__			___			14643798	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	1.73	285.2	Sn	05:54:17.100	0.5	T__			___			14643799	FDSN	IR	--	ISC	iLoc	???	???	_
DIVS	1.80	152.9	Pg	05:53:55.800	-1.3	T__			___			14643800	FDSN	IR	--	ISC	iLoc	???	???	_
DIVS	1.80	152.9	Pb	05:53:56.800	-0.3	T__			___			14643801	FDSN	IR	--	ISC	iLoc	???	???	_
DIVS	1.80	152.9	Sn	05:54:18.600	1.5	T__			___			14643802	FDSN	IR	--	ISC	iLoc	???	???	_
DIVS	1.80	152.9	Lg	05:54:19.900	-1.9	T__			___			14643803	FDSN	IR	--	ISC	iLoc	???	???	_
MGRS	1.80	225.0	Pn	05:53:56.000	2.0	T__			___			14643804	FDSN	IR	--	ISC	iLoc	???	???	_
MGRS	1.80	225.0	Sn	05:54:19.200	1.6	T__			___			14643805	FDSN	IR	--	ISC	iLoc	???	???	_
TRUS	1.84	142.8	Pn	05:53:55.700	1.5	T__			___			14643806	FDSN	IR	--	ISC	iLoc	???	???	_
TRUS	1.84	142.8	Lg	05:54:22.100	-0.8	T__			___			14643807	FDSN	IR	--	ISC	iLoc	???	???	_
BBLs	1.88	167.7	Pg	05:54:01.976	3.5	T__	2.2	0.8	___	MLv	3.4	14643808	FDSN	SJ	--	MP	iLoc	BHZ	BHZ	_
BBLs	1.88	167.7	Lg	05:54:22.721	-1.2	T__			___			14643809	FDSN	SJ	--	MP	iLoc	BHN	???	_
BBLs	1.88	167.8	Pn	05:53:56.700	1.8	T__			___			14643810	FDSN	IR	--	ISC	iLoc	???	???	_
BBLs	1.88	167.8	Pg	05:53:57.900	-0.8	T__			___			14643811	FDSN	IR	--	ISC	iLoc	???	???	_
BBLs	1.88	167.8	Sn	05:54:19.900	1.0	T__			___			14643812	FDSN	IR	--	ISC	iLoc	???	???	_
BBLs	1.88	167.8	Lg	05:54:23.300	-1.0	T__			___			14643813	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 3.4 0																				
BZS	1.94	91.6	Pg	05:53:58.500	-1.4	T__			___			14643814	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	1.94	91.6	Pb	05:54:00.050	0.2	T__			___			14643815	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	1.94	91.6	Lg	05:54:25.800	-1.5	T__			___			14643816	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	1.94	91.6	Sg	05:54:27.162	-0.1	T__			___			14643817	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	1.95	91.5	Pn	05:53:59.584	3.9	T__	1.8	0.1	___	MLv	2.7	14643818	FDSN	RO	--	MP	iLoc	BHZ	BHZ	_
(Station ML : 2.7 1																				
KOGS	1.96	293.3	Pn	05:53:56.118	-0.0	T__	3.1	0.5	___	MLv	3.3	14643819	FDSN	SL	--	MP	iLoc	BHZ	BHZ	_
(Station ML : 3.3 0																				
MDVR	2.22	113.5	Pn	05:54:01.000	1.3	T__			___			14643820	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	2.22	113.5	Pg	05:54:02.380	-2.7	T__			___			14643821	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	2.22	113.5	Lg	05:54:32.472	-3.5	T__			___			14643822	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	2.22	113.5	Sg	05:54:33.100	-2.8	T__			___			14643823	FDSN	IR	--	ISC	iLoc	???	???	_
GRUS	2.25	143.2	Pg	05:54:02.800	-2.2	T__			___			14643824	FDSN	IR	--	ISC	iLoc	???	???	_
GRUS	2.25	143.2	Lg	05:54:34.500	-0.7	T__			___			14643825	FDSN	IR	--	ISC	iLoc	???	???	_
IVAS	2.32	156.0	Pn	05:54:02.100	1.1	T__			___			14643826	FDSN	IR	--	ISC	iLoc	???	???	_
IVAS	2.32	156.0	Lg	05:54:37.700	0.0	T__			___			14643827	FDSN	IR	--	ISC	iLoc	???	???	_
PSZ	2.33	17.5	Pn	05:54:01.820	0.4	T__			___			14643828	FDSN	IR	--	ISC	iLoc	???	???	_
PSZ	2.33	17.5	Pg	05:54:05.505	-4.0	T__			___			14643829	FDSN	IR	--	ISC	iLoc	???	???	_
PSZ	2.33	17.5	Lg	05:54:38.748	-3.0	T__			___			14643830	FDSN	IR	--	ISC	iLoc	???	???	_
PSZ	2.33	17.5	Sg	05:54:41.870	0.1	T__			___			14643831	FDSN	IR	--	ISC	iLoc	???	???	_
PSZ	2.33	17.5	Pb	05:54:00.887	-8.6	___	1.2	0.1	___	MLv	2.8	14643832	FDSN	GE	--	MP	iLoc	BHZ	BHZ	_
PSZ	2.33	17.5	Sn	05:54:28.737	-1.9	T__			___			14643833	FDSN	GE	--	MP	iLoc	BHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/01/31	21:22:47.10	0.40		45.9950	16.0890	0.1	0.0		4.0F	3.8	26			1.08	3.90	a	ke	BEO	14515883	ISC		360
2015/01/31	21:22:49.30		1.06	45.9100	15.9500				5.0A				1	1.00	4.39	a	ke	CSEM	14515891	ISC		360
2015/01/31	21:22:47.60		0.60	45.9010	16.0200				10.5A							a	ke	LJU	14515894	ISC		360
2015/01/31	21:22:47.10	0.00		45.9600	15.9900				0.0A		24					a	ke	PRU	14515886	ISC		360
2015/01/31	21:22:47.80	0.38		45.9200	16.0570	0.0	0.0		4.1F	2.5	31			0.10	3.60	a	ke	RHSS0	14515888	ISC		360
2015/01/31	21:22:47.03	0.67	1.43	45.9150	16.0781	2.0	1.8	168	9.2F	0.9	191	88	28	0.08	5.77	m	ke	BUD	14644067	iLoc		41

Magnitude	Err	Nsta	Author	OrigID
ML	2.9		BEO	14515883
ml	2.8		CSEM	14515891
ML	2.6		LJU	14515894
ML	2.9		RHSSO	14515888
ML	2.9	0.3	11 BUD	14644067

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PTJ	0.08	264.3	Pg	21:22:49.572	0.2					T__	999.9	77.4			MLv	3.4	14644069	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.08	264.3	Lg	21:22:50.744	-0.5					T__							14644070	FDSN	CR	--	BUD	iLoc	BHE	???	_
(Station ML : 3.4 1																									
ZAG	0.11	215.9	Lg	21:22:51.640	-0.4					T__							14644071	FDSN	IR	--	ISC	iLoc	???	???	_
ZAG	0.11	215.9	Pg	21:22:50.354	0.5					T__	900.0	136.5			MLv	3.7	14644072	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.11	215.9	Sg	21:22:52.297	0.2					T__							14644073	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Station ML : 3.7 0																									
GCIS	0.32	261.5	Pg	21:22:53.410	-0.1					T__							14644074	FDSN	IR	--	ISC	iLoc	???	???	_
GCIS	0.32	261.5	Lg	21:22:56.940	-1.7					T__							14644075	FDSN	IR	--	ISC	iLoc	???	???	_
GCIS	0.32	261.5	x	21:22:59.170	-99.0					---		386.0	0.11				14644076	FDSN	IR	--	ISC	iLoc	???	???	_
GOLS	0.33	287.0	Pg	21:22:53.890	0.0					T__							14644077	FDSN	IR	--	ISC	iLoc	???	???	_
GOLS	0.33	287.0	Lg	21:22:58.400	-0.7					T__							14644078	FDSN	IR	--	ISC	iLoc	???	???	_
GOLS	0.33	287.0	x	21:22:59.740	-99.0					---		395.0	0.14				14644079	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	0.34	50.4	Pg	21:22:55.280	0.9					T__							14644080	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	0.34	50.4	Lg	21:23:00.680	0.7					T__							14644081	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	0.34	50.4	Pb	21:23:53.900	59.5					---							14644082	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	0.34	50.4	Sg	21:24:00.480	60.5					---							14644083	FDSN	IR	--	ISC	iLoc	???	???	_
CESS	0.43	278.0	Pg	21:22:55.960	0.3					T__							14644084	FDSN	IR	--	ISC	iLoc	???	???	_
CESS	0.43	278.0	Lg	21:23:01.260	-1.1					T__							14644085	FDSN	IR	--	ISC	iLoc	???	???	_
CESS	0.43	278.0	x	21:23:03.550	-99.0					---		1202.0	0.24				14644086	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	0.44	258.6	Pg	21:22:55.548	-0.3					T__	64.8	2.5			MLv	2.9	14644087	FDSN	SL	--	BUD	iLoc	BHE	BHZ	_
CRES	0.44	258.6	Lg	21:23:01.271	-1.5					T__							14644088	FDSN	SL	--	BUD	iLoc	BHN	???	_
CRES	0.44	258.6	Pb	21:22:55.400	-0.5					T__							14644089	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	0.44	258.6	Sg	21:23:01.800	-1.0					T__							14644090	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	0.44	258.6	x	21:23:02.650	-99.0					---		842.0	0.22				14644091	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.9 1																									
DOBS	0.48	299.2	Pg	21:22:56.950	0.3					T__							14644092	FDSN	IR	--	ISC	iLoc	???	???	_
DOBS	0.48	299.2	x	21:23:07.900	-99.0					---		328.0	0.13				14644093	FDSN	IR	--	ISC	iLoc	???	???	_
LEGS	0.53	273.9	Pg	21:22:57.550	0.1					T__							14644094	FDSN	IR	--	ISC	iLoc	???	???	_
LEGS	0.53	273.9	Lg	21:23:03.730	-1.9					T__							14644095	FDSN	IR	--	ISC	iLoc	???	???	_
KOGS	0.55	12.6	x	21:23:11.780	-99.0					---		239.0	0.11				14644096	FDSN	IR	--	ISC	iLoc	???	???	_
KOGS	0.55	12.6	Pg	21:22:59.337	1.3					T__	36.3	2.7			MLv	3.2	14644097	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.55	12.6	Lg	21:23:07.813	1.7					T__							14644098	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Station ML : 3.2 1																									
MOSL	0.56	122.3	Pg	21:22:59.350	0.9					T__							14644099	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	0.56	122.3	Lg	21:23:06.800	-0.2					T__							14644100	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	0.56	122.3	Pb	21:23:58.730	60.2					---							14644101	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	0.56	122.3	Sg	21:24:08.410	61.4					---							14644102	FDSN	IR	--	ISC	iLoc	???	???	_
GROS	0.68	324.0	Pg	21:23:00.750	0.4					T__							14644103	FDSN	IR	--	ISC	iLoc	???	???	_
GROS	0.68	324.0	Lg	21:23:09.160	-1.1					T__							14644104	FDSN	IR	--	ISC	iLoc	???	???	_
GROS	0.68	324.0	x	21:23:10.230	-99.0					---		150.0	0.11				14644105	FDSN	IR	--	ISC	iLoc	???	???	_
BOJS	0.71	234.9	Pg	21:23:00.020	-0.8					T__							14644106	FDSN	IR	--	ISC	iLoc	???	???	_
BOJS	0.71	234.9	Lg	21:23:09.290	-2.0					T__							14644107	FDSN	IR	--	ISC	iLoc	???	???	_
BOJS	0.71	234.9	x	21:23:10.460	-99.0					---		108.0	0.18				14644108	FDSN	IR	--	ISC	iLoc	???	???	_
PDKS	0.77	281.4	Pg	21:23:01.850	-0.0					T__							14644109	FDSN	IR	--	ISC	iLoc	???	???	_

PDKS	0.77	281.4	x	21:23:15.570	-99.0	---	152.0	0.15	---	14644110	FDSN	IR	--	ISC	iLoc	??? ???	-		
VISS	0.87	263.1	Pg	21:23:03.300	-0.5	T__			---	14644111	FDSN	IR	--	ISC	iLoc	??? ???	-		
VISS	0.87	263.1	Lg	21:23:14.320	-2.1	T__			---	14644112	FDSN	IR	--	ISC	iLoc	??? ???	-		
VISS	0.87	263.1	x	21:23:20.530	-99.0	---	131.0	0.24	---	14644113	FDSN	IR	--	ISC	iLoc	??? ???	-		
GBRS	0.97	247.1	Pg	21:23:05.020	-0.7	T__			---	14644114	FDSN	IR	--	ISC	iLoc	??? ???	-		
GBRS	0.97	247.1	x	21:23:23.830	-99.0	---	126.0	0.29	---	14644115	FDSN	IR	--	ISC	iLoc	??? ???	-		
VNDS	0.98	281.5	Pg	21:23:05.490	-0.2	T__			---	14644116	FDSN	IR	--	ISC	iLoc	??? ???	-		
VNDS	0.98	281.5	x	21:23:22.450	-99.0	---	138.0	0.38	---	14644117	FDSN	IR	--	ISC	iLoc	??? ???	-		
PERS	0.98	317.6	Pg	21:23:06.070	0.2	T__			---	14644118	FDSN	IR	--	ISC	iLoc	??? ???	-		
PERS	0.98	317.6	Lg	21:23:18.640	-0.9	T__			---	14644119	FDSN	IR	--	ISC	iLoc	??? ???	-		
PERS	0.98	317.6	x	21:23:21.990	-99.0	---	356.0	0.33	---	14644120	FDSN	IR	--	ISC	iLoc	??? ???	-		
PRIJ	1.04	154.4	Pg	21:23:06.700	-0.5	T__			---	14644121	FDSN	IR	--	ISC	iLoc	??? ???	-		
PRIJ	1.04	154.4	Lg	21:23:21.700	-0.1	T__			---	14644122	FDSN	IR	--	ISC	iLoc	??? ???	-		
SOKA	1.05	316.9	Pg	21:23:07.227	-0.0	T__	56.6	19.9	0.24	---	14644123	FDSN	IR	--	ISC	iLoc	??? ???	-	
SOKA	1.05	316.9	Lg	21:23:20.698	-1.2	T__		38.1	0.38	---	14644124	FDSN	IR	--	ISC	iLoc	??? ???	-	
LJU	1.09	277.3	Pg	21:23:07.400	-0.3	T__			---	14644125	FDSN	IR	--	ISC	iLoc	??? ???	-		
LJU	1.09	277.3	Pg	21:23:07.430	-0.3	T__			---	14644126	FDSN	IR	--	ISC	iLoc	??? ???	-		
LJU	1.09	277.3	Lg	21:23:21.700	-1.3	T__			---	14644127	FDSN	IR	--	ISC	iLoc	??? ???	-		
LJU	1.09	277.3	Sg	21:23:22.000	-1.0	T__			---	14644128	FDSN	IR	--	ISC	iLoc	??? ???	-		
GBAS	1.14	271.6	Pg	21:23:08.170	-0.4	T__			---	14644129	FDSN	IR	--	ISC	iLoc	??? ???	-		
GBAS	1.14	271.6	x	21:23:25.680	-99.0	---	46.0	0.16	---	14644130	FDSN	IR	--	ISC	iLoc	??? ???	-		
CEY	1.17	261.9	Pg	21:23:08.400	-0.6	T__			---	14644131	FDSN	IR	--	ISC	iLoc	??? ???	-		
CEY	1.17	261.9	Pb	21:23:08.620	-0.4	T__			---	14644132	FDSN	IR	--	ISC	iLoc	??? ???	-		
CEY	1.17	261.9	Pn	21:23:09.000	0.1	T__			---	14644133	FDSN	IR	--	ISC	iLoc	??? ???	-		
CEY	1.17	261.9	Lg	21:23:24.200	-1.3	T__			---	14644134	FDSN	IR	--	ISC	iLoc	??? ???	-		
CEY	1.17	261.9	Sg	21:23:24.800	-0.7	T__			---	14644135	FDSN	IR	--	ISC	iLoc	??? ???	-		
CEY	1.17	261.9	x	21:23:28.120	-99.0	---	61.0	0.21	---	14644136	FDSN	IR	--	ISC	iLoc	??? ???	-		
MOZS	1.20	289.0	Pg	21:23:09.650	-0.1	T__			---	14644137	FDSN	IR	--	ISC	iLoc	??? ???	-		
MOZS	1.20	289.0	x	21:23:28.540	-99.0	---	39.0	0.17	---	14644138	FDSN	IR	--	ISC	iLoc	??? ???	-		
OBKA	1.22	299.8	Lg	21:23:26.509	-0.6	T__		135.0	0.32	---	14644139	FDSN	IR	--	ISC	iLoc	??? ???	-	
OBKA	1.22	299.8	Pg	21:23:10.586	0.3	T__	17.6	0.8	---	MLv	3.1	14644140	FDSN	OE	--	BUD	iLoc	BHZ BHZ	-
OBKA	1.22	299.8	Sg	21:23:27.186	0.1	T__			---	14644141	FDSN	OE	--	BUD	iLoc	BHE ???	-		
(Station ML : 3.1 1																			
KNDS	1.25	252.6	Pg	21:23:09.880	-0.9	T__			---	14644142	FDSN	IR	--	ISC	iLoc	??? ???	-		
KNDS	1.25	252.6	Lg	21:23:27.280	-1.2	T__			---	14644143	FDSN	IR	--	ISC	iLoc	??? ???	-		
KNDS	1.25	252.6	x	21:23:29.150	-99.0	---	79.0	0.19	---	14644144	FDSN	IR	--	ISC	iLoc	??? ???	-		
RIY	1.27	242.8	Pn	21:23:10.200	-0.1	T__			---	14644145	FDSN	IR	--	ISC	iLoc	??? ???	-		
RIY	1.27	242.8	Pg	21:23:10.700	-0.4	T__			---	14644146	FDSN	IR	--	ISC	iLoc	??? ???	-		
RIY	1.27	242.8	Pg	21:23:10.730	-0.4	T__			---	14644147	FDSN	IR	--	ISC	iLoc	??? ???	-		
RIY	1.27	242.8	Lg	21:23:27.270	-1.2	T__			---	14644148	FDSN	IR	--	ISC	iLoc	??? ???	-		
RIY	1.27	242.8	Lg	21:23:27.300	-1.2	T__			---	14644149	FDSN	IR	--	ISC	iLoc	??? ???	-		
RIY	1.27	242.8	Sg	21:23:28.300	-0.2	T__			---	14644150	FDSN	IR	--	ISC	iLoc	??? ???	-		
CRNS	1.28	278.1	Pg	21:23:10.690	-0.3	T__			---	14644151	FDSN	IR	--	ISC	iLoc	??? ???	-		
CRNS	1.28	278.1	x	21:23:31.930	-99.0	---	73.0	0.17	---	14644152	FDSN	IR	--	ISC	iLoc	??? ???	-		
BLY	1.37	145.0	Pn	21:23:12.949	1.1	T__	8.9	0.3	---	MLv	2.7	14644153	FDSN	MN	--	BUD	iLoc	BHZ BHZ	-
(Station ML : 2.7 1																			
ARSA	1.39	344.2	Pn	21:23:13.008	1.2	T__	5.3	0.3	---	MLv	2.8	14644154	FDSN	OE	--	BUD	iLoc	BHZ BHZ	-
ARSA	1.39	344.2	Sn	21:23:32.361	1.3	T__			---	14644155	FDSN	OE	--	BUD	iLoc	BHE ???	-		
ARSA	1.39	344.2	Pg	21:23:14.864	1.0	T__	72.2	1.7	0.27	---	14644156	FDSN	IR	--	ISC	iLoc	??? ???	-	
ARSA	1.39	344.2	Lg	21:23:32.664	-0.1	T__		34.6	0.25	---	14644157	FDSN	IR	--	ISC	iLoc	??? ???	-	
(Station ML : 2.8 1																			
BLY	1.40	145.8	Pn	21:23:13.100	0.8	T__			---	14644158	FDSN	IR	--	ISC	iLoc	??? ???	-		
BLY	1.40	145.8	Pg	21:23:14.000	-0.2	T__			---	14644159	FDSN	IR	--	ISC	iLoc	??? ???	-		

BLY	1.40	145.8	Sn	21:23:32.200	0.6	T__						14644160	FDSN	IR	--	ISC	iLoc	??? ???	_	
BLY	1.40	145.8	Sn	21:23:32.300	0.6	T__						14644161	FDSN	IR	--	ISC	iLoc	??? ???	_	
UDBI	1.40	189.2	Pn	21:23:13.070	0.2	T__						14644162	FDSN	IR	--	ISC	iLoc	??? ???	_	
UDBI	1.40	189.2	Sn	21:23:31.060	-1.5	T__						14644163	FDSN	IR	--	ISC	iLoc	??? ???	_	
JAVS	1.41	269.8	Pn	21:23:12.570	0.2	T__						14644164	FDSN	IR	--	ISC	iLoc	??? ???	_	
JAVS	1.41	269.8	x	21:23:37.240	-99.0	---		73.0	0.35	---		14644165	FDSN	IR	--	ISC	iLoc	??? ???	_	
SKDS	1.49	256.4	Pn	21:23:13.640	0.1	T__						14644166	FDSN	IR	--	ISC	iLoc	??? ???	_	
SKDS	1.49	256.4	Sn	21:23:33.770	-0.6	T__						14644167	FDSN	IR	--	ISC	iLoc	??? ???	_	
SKDS	1.49	256.4	x	21:23:36.200	-99.0	---		197.0	0.53	---		14644168	FDSN	IR	--	ISC	iLoc	??? ???	_	
GORS	1.50	286.3	Pn	21:23:13.750	0.1	T__						14644169	FDSN	IR	--	ISC	iLoc	??? ???	_	
GORS	1.50	286.3	Sn	21:23:34.850	0.3	T__						14644170	FDSN	IR	--	ISC	iLoc	??? ???	_	
GORS	1.50	286.3	x	21:23:37.900	-99.0	---		41.0	0.25	---		14644171	FDSN	IR	--	ISC	iLoc	??? ???	_	
VOJS	1.54	275.1	Pn	21:23:13.980	-0.2	T__						14644172	FDSN	IR	--	ISC	iLoc	??? ???	_	
VOJS	1.54	275.1	Sn	21:23:35.990	0.5	T__						14644173	FDSN	IR	--	ISC	iLoc	??? ???	_	
VOJS	1.54	275.1	x	21:23:42.110	-99.0	---		36.0	0.33	---		14644174	FDSN	IR	--	ISC	iLoc	??? ???	_	
TIH	1.59	51.1	Pn	21:23:15.566	0.8	T__	16.4	1.1		---	MLv	3.4	14644175	FDSN	HU	--	BUD	iLoc	SHZ SHZ	_
(Station ML : 3.4 0)																				
NVLJ	1.60	212.7	Pn	21:23:16.570	1.3	T__						14644176	FDSN	IR	--	ISC	iLoc	??? ???	_	
NVLJ	1.60	212.7	Sn	21:23:37.280	0.8	T__						14644177	FDSN	IR	--	ISC	iLoc	??? ???	_	
MPLH	1.61	38.3	Pn	21:23:15.683	0.7	T__	5.4	0.2		---	MLv	2.7	14644178	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
MPLH	1.61	38.3	Pg	21:23:15.800	-2.8	T__						14644179	FDSN	IR	--	ISC	iLoc	??? ???	_	
MPLH	1.61	38.3	Pb	21:23:18.970	0.4	T__						14644180	FDSN	IR	--	ISC	iLoc	??? ???	_	
MPLH	1.61	38.3	Sn	21:23:38.290	1.5	T__						14644181	FDSN	IR	--	ISC	iLoc	??? ???	_	
(Station ML : 2.7 0)																				
MGRS	1.66	154.2	Pn	21:23:17.600	1.6	T__						14644182	FDSN	IR	--	ISC	iLoc	??? ???	_	
MGRS	1.66	154.2	Sn	21:23:40.200	2.1	T__						14644183	FDSN	IR	--	ISC	iLoc	??? ???	_	
CADS	1.66	281.7	Pn	21:23:16.330	0.6	T__						14644184	FDSN	IR	--	ISC	iLoc	??? ???	_	
CADS	1.66	281.7	Lg	21:23:40.090	-0.5	T__						14644185	FDSN	IR	--	ISC	iLoc	??? ???	_	
CADS	1.66	281.7	x	21:23:44.420	-99.0	---		72.0	0.33	---		14644186	FDSN	IR	--	ISC	iLoc	??? ???	_	
SOP	1.80	10.4	Pn	21:23:18.730	1.1	T__	4.9	0.2		---	MLv	2.8	14644187	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
SOP	1.80	10.4	Pg	21:23:19.090	-3.0	T__						14644188	FDSN	IR	--	ISC	iLoc	??? ???	_	
SOP	1.80	10.4	Pb	21:23:22.220	0.1	T__						14644189	FDSN	IR	--	ISC	iLoc	??? ???	_	
SOP	1.80	10.4	Sn	21:23:39.900	-1.4	T__						14644190	FDSN	HU	--	BUD	iLoc	BHE ???	_	
SOP	1.80	10.4	Lg	21:23:40.230	-6.1	T__						14644191	FDSN	IR	--	ISC	iLoc	??? ???	_	
(Station ML : 2.8 1)																				
MORH	1.81	79.5	Pn	21:23:18.040	0.3	T__						14644192	FDSN	IR	--	ISC	iLoc	??? ???	_	
MORH	1.81	79.5	Pg	21:23:19.600	-2.9	T__						14644193	FDSN	IR	--	ISC	iLoc	??? ???	_	
MORH	1.81	79.5	Sn	21:23:40.590	-0.7	T__						14644194	FDSN	IR	--	ISC	iLoc	??? ???	_	
MORH	1.81	79.5	Lg	21:23:44.000	-3.1	T__						14644195	FDSN	IR	--	ISC	iLoc	??? ???	_	
MORH	1.81	79.5	Sg	21:23:48.529	1.5	T__						14644196	FDSN	IR	--	ISC	iLoc	??? ???	_	
MORH	1.81	79.5	Pb	21:23:18.183	-4.3	---	4.5	0.2		---	MLv	2.7	14644197	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
MORH	1.81	79.5	Sb	21:23:47.829	0.8	T__						14644198	FDSN	HU	--	BUD	iLoc	BHN ???	_	
(Station ML : 2.7 0)																				
ROBS	1.82	281.4	Pn	21:23:18.290	0.4	T__						14644199	FDSN	IR	--	ISC	iLoc	??? ???	_	
ROBS	1.82	281.4	x	21:23:48.600	-99.0	---		8.4	0.15	---		14644200	FDSN	IR	--	ISC	iLoc	??? ???	_	
MYKA	1.84	293.8	Pn	21:23:19.138	0.9	T__		6.4	0.40	---		14644201	FDSN	IR	--	ISC	iLoc	??? ???	_	
MYKA	1.84	293.8	Sn	21:23:44.260	1.8	T__		4.8	0.20	---		14644202	FDSN	IR	--	ISC	iLoc	??? ???	_	
KIJV	1.92	173.0	Pn	21:23:20.850	0.8	T__						14644203	FDSN	IR	--	ISC	iLoc	??? ???	_	
CONA	2.02	355.9	Pn	21:23:22.411	1.6	T__	11.4	1.6	0.20	---		14644204	FDSN	IR	--	ISC	iLoc	??? ???	_	
CONA	2.02	355.9	Lg	21:23:54.486	0.9	T__		23.7	0.68	---		14644205	FDSN	IR	--	ISC	iLoc	??? ???	_	
DUGI	2.05	201.0	Pn	21:23:22.730	0.6	T__						14644206	FDSN	IR	--	ISC	iLoc	??? ???	_	
DUGI	2.05	201.0	Sn	21:23:48.770	0.1	T__						14644207	FDSN	IR	--	ISC	iLoc	??? ???	_	
MORI	2.07	187.5	Pn	21:23:23.050	0.8	T__						14644208	FDSN	IR	--	ISC	iLoc	??? ???	_	

MORI	2.07	187.5	Sn	21:23:49.070	0.3	T__				14644209	FDSN	IR	--	ISC	iLoc	??? ???	-
CSKK	2.09	45.3	Pg	21:23:28.090	0.5	T__				14644210	FDSN	IR	--	ISC	iLoc	??? ???	-
KBA	2.22	302.6	Pn	21:23:24.293	0.4	T__		0.7	0.20	14644211	FDSN	IR	--	ISC	iLoc	??? ???	-
KBA	2.22	302.6	Sn	21:23:52.721	0.3	T__		5.2	0.28	14644212	FDSN	IR	--	ISC	iLoc	??? ???	-
ZIRJ	2.28	187.9	Pn	21:23:26.370	1.0	T__				14644213	FDSN	IR	--	ISC	iLoc	??? ???	-
ZIRJ	2.28	187.9	Sn	21:23:55.180	1.0	T__				14644214	FDSN	IR	--	ISC	iLoc	??? ???	-
MOA	2.30	327.9	Pn	21:23:26.382	1.8	T__	10.8	2.2	0.22	14644215	FDSN	IR	--	ISC	iLoc	??? ???	-
MOA	2.30	327.9	Sn	21:23:53.238	-0.5	T__		10.8	0.17	14644216	FDSN	IR	--	ISC	iLoc	??? ???	-
ZST	2.39	16.7	Pn	21:23:26.800	0.9	T__				14644217	FDSN	IR	--	ISC	iLoc	??? ???	-
ZST	2.39	16.7	Pg	21:23:34.900	1.5	T__				14644218	FDSN	IR	--	ISC	iLoc	??? ???	-
ZST	2.39	16.7	Sn	21:23:54.200	-1.4	T__				14644219	FDSN	IR	--	ISC	iLoc	??? ???	-
SRO2	2.44	39.9	Pg	21:23:35.300	1.0	T__				14644220	FDSN	IR	--	ISC	iLoc	??? ???	-
SRO2	2.44	39.9	Lg	21:24:21.200	14.4	T__				14644221	FDSN	IR	--	ISC	iLoc	??? ???	-
SRO	2.44	38.1	Pn	21:23:29.900	3.4	T__				14644222	FDSN	IR	--	ISC	iLoc	??? ???	-
SRO	2.44	38.1	Pg	21:23:35.600	1.3	T__				14644223	FDSN	IR	--	ISC	iLoc	??? ???	-
SRO	2.44	38.1	Sn	21:23:58.900	2.1	T__				14644224	FDSN	IR	--	ISC	iLoc	??? ???	-
SRO	2.44	38.1	Lg	21:24:22.500	15.6	T__				14644225	FDSN	IR	--	ISC	iLoc	??? ???	-
RICI	2.53	162.4	Pn	21:23:29.910	1.1	T__				14644226	FDSN	IR	--	ISC	iLoc	??? ???	-
RICI	2.53	162.4	Sn	21:24:00.770	0.5	T__				14644227	FDSN	IR	--	ISC	iLoc	??? ???	-
MODS	2.59	18.0	Pn	21:23:28.300	-0.5	T__				14644228	FDSN	IR	--	ISC	iLoc	??? ???	-
MODS	2.59	18.0	Pg	21:23:36.900	-0.5	T__				14644229	FDSN	IR	--	ISC	iLoc	??? ???	-
MODS	2.59	18.0	Sn	21:23:57.800	-2.9	T__				14644230	FDSN	IR	--	ISC	iLoc	??? ???	-
ABTA	2.61	289.9	Pn	21:23:30.132	1.0	T__	6.0	1.1	0.16	14644231	FDSN	IR	--	ISC	iLoc	??? ???	-
ABTA	2.61	289.9	Lg	21:24:11.531	1.1	T__		4.1	0.36	14644232	FDSN	IR	--	ISC	iLoc	??? ???	-
MAKA	2.71	165.3	Pn	21:23:32.480	1.1	T__				14644233	FDSN	IR	--	ISC	iLoc	??? ???	-
MAKA	2.71	165.3	Sn	21:24:05.140	0.5	T__				14644234	FDSN	IR	--	ISC	iLoc	??? ???	-
FRGS	2.73	104.8	Pn	21:23:31.500	0.8	T__				14644235	FDSN	IR	--	ISC	iLoc	??? ???	-
FRGS	2.73	104.8	Pg	21:23:32.400	-6.6	T__				14644236	FDSN	IR	--	ISC	iLoc	??? ???	-
FRGS	2.73	104.8	Pb	21:23:37.131	-1.8	T__				14644237	FDSN	IR	--	ISC	iLoc	??? ???	-
FRGS	2.73	104.8	Sn	21:24:05.300	1.4	T__				14644238	FDSN	IR	--	ISC	iLoc	??? ???	-
FRGS	2.73	104.8	Lg	21:24:06.500	-9.4	T__				14644239	FDSN	IR	--	ISC	iLoc	??? ???	-
FRGS	2.73	104.8	Sg	21:24:15.632	-0.3	T__				14644240	FDSN	IR	--	ISC	iLoc	??? ???	-
HAPS	2.74	130.9	Pn	21:23:31.300	0.1	T__				14644241	FDSN	IR	--	ISC	iLoc	??? ???	-
HAPS	2.74	130.9	Pg	21:23:32.500	-7.8	T__				14644242	FDSN	IR	--	ISC	iLoc	??? ???	-
HAPS	2.74	130.9	Sn	21:24:06.600	1.9	T__				14644243	FDSN	IR	--	ISC	iLoc	??? ???	-
HAPS	2.74	130.9	Lg	21:24:06.800	-8.9	T__				14644244	FDSN	IR	--	ISC	iLoc	??? ???	-
BBLs	3.13	129.7	Pn	21:23:38.000	1.5	T__				14644245	FDSN	IR	--	ISC	iLoc	??? ???	-
BBLs	3.13	129.7	Pg	21:23:38.100	-9.2	T__				14644246	FDSN	IR	--	ISC	iLoc	??? ???	-
BBLs	3.13	129.7	Sn	21:24:16.100	2.4	T__				14644247	FDSN	IR	--	ISC	iLoc	??? ???	-
BBLs	3.13	129.7	Lg	21:24:16.200	-11.1	T__				14644248	FDSN	IR	--	ISC	iLoc	??? ???	-
JAVC	3.14	19.6	Pn	21:23:37.700	1.1	T__				14644249	FDSN	IR	--	ISC	iLoc	??? ???	-
JAVC	3.14	19.6	Sn	21:24:13.400	-0.6	T__				14644250	FDSN	IR	--	ISC	iLoc	??? ???	-
KRUC	3.16	3.8	Pn	21:23:37.300	0.9	T__				14644251	FDSN	IR	--	ISC	iLoc	??? ???	-
KRUC	3.16	3.8	Pg	21:23:46.400	-0.8	T__				14644252	FDSN	IR	--	ISC	iLoc	??? ???	-
KRUC	3.16	3.8	Sn	21:24:12.900	-1.5	T__				14644253	FDSN	IR	--	ISC	iLoc	??? ???	-
KRUC	3.16	3.8	Lg	21:24:27.000	-1.3	T__				14644254	FDSN	IR	--	ISC	iLoc	??? ???	-
STON	3.26	158.5	Pn	21:23:39.120	0.2	T__				14644255	FDSN	IR	--	ISC	iLoc	??? ???	-
STON	3.26	158.5	Pg	21:23:39.200	-10.5	T__				14644256	FDSN	IR	--	ISC	iLoc	??? ???	-
STON	3.26	158.5	Sn	21:24:18.250	0.1	T__				14644257	FDSN	IR	--	ISC	iLoc	??? ???	-
STON	3.26	158.5	Lg	21:24:18.500	-15.1	T__				14644258	FDSN	IR	--	ISC	iLoc	??? ???	-
STON	3.26	158.5	Sg	21:24:19.200	-14.4	T__				14644259	FDSN	IR	--	ISC	iLoc	??? ???	-
PSZ	3.29	51.2	Pn	21:23:40.160	1.3	T__				14644260	FDSN	IR	--	ISC	iLoc	??? ???	-
PSZ	3.29	51.2	Pg	21:23:40.837	-10.8	T__				14644261	FDSN	IR	--	ISC	iLoc	??? ???	-

DIVS	3.32	121.8	Pn	21:23:40.000	0.9	T__						14644262	FDSN	IR	--	ISC	iLoc	??? ???	_
DIVS	3.32	121.8	Sn	21:24:19.000	0.6	T__						14644263	FDSN	IR	--	ISC	iLoc	??? ???	_
DIVS	3.32	121.8	Lg	21:24:19.800	-13.4	---						14644264	FDSN	IR	--	ISC	iLoc	??? ???	_
WATA	3.41	296.2	Pn	21:23:41.878	1.3	T__		1.7	0.22			14644265	FDSN	IR	--	ISC	iLoc	??? ???	_
WATA	3.41	296.2	Sn	21:24:22.903	1.1	T__		2.4	0.20			14644266	FDSN	IR	--	ISC	iLoc	??? ???	_
VRAC	3.41	5.7	Pn	21:23:39.051	-1.0	T__						14644267	FDSN	IR	--	ISC	iLoc	??? ???	_
VRAC	3.41	5.7	Pg	21:23:40.900	-11.0	---						14644268	FDSN	IR	--	ISC	iLoc	??? ???	_
VRAC	3.41	5.7	Pb	21:23:50.000	-1.9	T__						14644269	FDSN	IR	--	ISC	iLoc	??? ???	_
VRAC	3.41	5.7	Sn	21:24:19.200	-1.4	T__						14644270	FDSN	IR	--	ISC	iLoc	??? ???	_
BRY	3.49	148.8	Pn	21:23:42.700	0.4	T__						14644271	FDSN	IR	--	ISC	iLoc	??? ???	_
TRUS	3.50	117.3	Pn	21:23:43.300	1.8	T__						14644272	FDSN	IR	--	ISC	iLoc	??? ???	_
TREB	3.59	152.2	Pn	21:23:44.700	1.2	T__						14644273	FDSN	IR	--	ISC	iLoc	??? ???	_
TREB	3.59	152.2	Pg	21:23:45.500	-9.8	---						14644274	FDSN	IR	--	ISC	iLoc	??? ???	_
TREB	3.59	152.2	Sn	21:24:26.700	0.3	T__						14644275	FDSN	IR	--	ISC	iLoc	??? ???	_
TREB	3.59	152.2	Lg	21:24:27.500	-16.3	---						14644276	FDSN	IR	--	ISC	iLoc	??? ???	_
SQTA	3.60	293.0	Pn	21:23:44.592	1.4	T__	4.2		1.1	0.24		14644277	FDSN	IR	--	ISC	iLoc	??? ???	_
SQTA	3.60	293.0	Lg	21:24:46.297	4.3	T__			6.8	0.58		14644278	FDSN	IR	--	ISC	iLoc	??? ???	_
KHC	3.64	333.1	Pn	21:23:44.700	1.7	T__						14644279	FDSN	IR	--	ISC	iLoc	??? ???	_
KHC	3.64	333.1	Sn	21:24:25.100	-0.9	T__						14644280	FDSN	IR	--	ISC	iLoc	??? ???	_
KHC	3.64	333.1	Lg	21:24:43.000	-0.6	T__						14644281	FDSN	IR	--	ISC	iLoc	??? ???	_
MOTA	3.71	294.4	Pn	21:23:45.869	1.0	T__	6.9		1.2	0.16		14644282	FDSN	IR	--	ISC	iLoc	??? ???	_
MOTA	3.71	294.4	Lg	21:24:48.159	2.4	T__			3.7	0.38		14644283	FDSN	IR	--	ISC	iLoc	??? ???	_
IVAS	3.73	127.4	Pn	21:23:45.900	1.1	T__						14644284	FDSN	IR	--	ISC	iLoc	??? ???	_
FETA	3.86	288.6	Pn	21:23:48.515	1.6	T__			0.4	0.18		14644285	FDSN	IR	--	ISC	iLoc	??? ???	_
FETA	3.86	288.6	Lg	21:24:54.185	4.0	T__			1.6	0.64		14644286	FDSN	IR	--	ISC	iLoc	??? ???	_
GRUS	3.87	119.9	Pn	21:23:48.200	1.6	T__						14644287	FDSN	IR	--	ISC	iLoc	??? ???	_
GRUS	3.87	119.9	Sn	21:24:32.200	1.0	T__						14644288	FDSN	IR	--	ISC	iLoc	??? ???	_
GRUS	3.87	119.9	Lg	21:24:45.222	-4.4	T__						14644289	FDSN	IR	--	ISC	iLoc	??? ???	_
BZS	3.89	92.4	Pn	21:23:47.900	1.2	T__						14644290	FDSN	IR	--	ISC	iLoc	??? ???	_
BZS	3.89	92.4	Pg	21:23:53.486	-7.7	---						14644291	FDSN	IR	--	ISC	iLoc	??? ???	_
LANS	3.97	34.1	Pn	21:23:50.200	2.0	T__						14644292	FDSN	IR	--	ISC	iLoc	??? ???	_
RETA	3.98	295.2	Pg	21:24:04.601	2.3	T__			0.7	0.20		14644293	FDSN	IR	--	ISC	iLoc	??? ???	_
RETA	3.98	295.2	Sn	21:24:35.998	0.5	T__			1.6	0.22		14644294	FDSN	IR	--	ISC	iLoc	??? ???	_
MORC	3.99	13.8	Pn	21:23:47.809	-0.4	T__						14644295	FDSN	IR	--	ISC	iLoc	??? ???	_
MORC	3.99	13.8	Pg	21:23:48.900	-13.5	---						14644296	FDSN	IR	--	ISC	iLoc	??? ???	_
MORC	3.99	13.8	Sn	21:24:31.600	-3.2	T__						14644297	FDSN	IR	--	ISC	iLoc	??? ???	_
MORC	3.99	13.8	Lg	21:24:33.200	-21.2	---						14644298	FDSN	IR	--	ISC	iLoc	??? ???	_
PBCC	4.03	340.4	Pn	21:23:49.800	1.5	T__						14644299	FDSN	IR	--	ISC	iLoc	??? ???	_
MDVR	4.13	103.9	Pn	21:23:58.348	7.9	---						14644300	FDSN	IR	--	ISC	iLoc	??? ???	_
PRU	4.20	346.3	Pn	21:23:51.700	0.9	T__						14644301	FDSN	IR	--	ISC	iLoc	??? ???	_
DAVA	4.49	290.0	Pn	21:23:55.803	0.1	T__	4.1		1.6	0.20		14644302	FDSN	IR	--	ISC	iLoc	??? ???	_
DAVA	4.49	290.0	Lg	21:25:14.333	4.0	T__			1.0	0.23		14644303	FDSN	IR	--	ISC	iLoc	??? ???	_
GZR	4.73	93.9	Pn	21:24:05.892	7.2	---						14644304	FDSN	IR	--	ISC	iLoc	??? ???	_
NKC	4.96	331.9	Pn	21:24:02.600	1.3	T__						14644305	FDSN	IR	--	ISC	iLoc	??? ???	_
NKC	4.96	331.9	Sn	21:24:55.100	-2.7	T__						14644306	FDSN	IR	--	ISC	iLoc	??? ???	_
CLL	5.77	340.4	Pn	21:24:14.000	1.4	T__						14644307	FDSN	IR	--	ISC	iLoc	??? ???	_
CLL	5.77	340.4	Sn	21:25:16.000	-2.8	T__						14644308	FDSN	IR	--	ISC	iLoc	??? ???	_
CLL	5.77	340.4	Lg	21:25:49.000	-3.1	T__			12.0	1.00		14644309	FDSN	IR	--	ISC	iLoc	??? ???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/02/10	20:41:23.00		0.50	45.9390	16.0400				9.5A								a ke LJU	14519088	ISC			360

2015/02/10 20:41:23.57	0.63	1.02	45.9654	15.9922	4.5	2.5	103	12.0F	0.0	22	8	0.97	1.32 a	ke VIE	14519085	ISC	360	
2015/02/10 20:41:22.76	0.84	0.79	45.9527	16.0522	3.3	2.9	161	8.1F	5.1	51	26	62	0.07	2.32 m	ke BUD	14645843	iLoc	106

Magnitude	Err	Nsta	Author	OrigID
ML	1.4		LJU	14519088
ml	1.6		VIE	14519085
ML	1.9	0.0	5 BUD	14645843

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PTJ	0.07	232.2	Pg	20:41:24.776	-0.2					T__	18.2	1.3			MLv	1.6	14645845	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.07	232.2	Lg	20:41:25.948	-0.8					T__						14645846	FDSN	CR	--	BUD	iLoc	BHE	???	_	
PTJ	0.07	232.1	Sg	20:41:25.830	-1.6					T__						14645847	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.6 1																									
ZAG	0.13	199.9	Lg	20:41:28.120	-0.3					T__						14645848	FDSN	IR	--	ISC	iLoc	???	???	_	
ZAG	0.13	199.9	Pg	20:41:26.226	0.3					T__	9.5	1.6			MLv	1.9	14645849	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.9 1																									
GOLS	0.30	281.2	Pg	20:41:29.090	0.1					T__						14645850	FDSN	IR	--	ISC	iLoc	???	???	_	
GOLS	0.30	281.2	Lg	20:41:34.080	0.2					T__						14645851	FDSN	IR	--	ISC	iLoc	???	???	_	
GOLS	0.30	281.2	x	20:41:34.760	-99.0					---		11.1	0.10			14645852	FDSN	IR	--	ISC	iLoc	???	???	_	
GCIS	0.31	254.1	Pg	20:41:29.140	0.1					T__						14645853	FDSN	IR	--	ISC	iLoc	???	???	_	
GCIS	0.31	254.1	Lg	20:41:33.240	-0.7					T__						14645854	FDSN	IR	--	ISC	iLoc	???	???	_	
GCIS	0.31	254.1	x	20:41:34.320	-99.0					---		16.7	0.12			14645855	FDSN	IR	--	ISC	iLoc	???	???	_	
KALN	0.33	57.4	Pg	20:41:30.060	0.1					T__						14645856	FDSN	IR	--	ISC	iLoc	???	???	_	
KALN	0.33	57.4	Lg	20:41:34.920	-0.4					T__						14645857	FDSN	IR	--	ISC	iLoc	???	???	_	
CESS	0.41	273.1	Pg	20:41:31.910	1.0					T__						14645858	FDSN	IR	--	ISC	iLoc	???	???	_	
CESS	0.41	273.1	Lg	20:41:37.320	0.0					T__						14645859	FDSN	IR	--	ISC	iLoc	???	???	_	
CESS	0.41	273.1	x	20:41:39.500	-99.0					---		48.6	0.22			14645860	FDSN	IR	--	ISC	iLoc	???	???	_	
CRES	0.43	253.3	Pg	20:41:33.415	2.0					T__	3.4	0.1			MLv	1.5	14645861	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.43	253.3	Pb	20:41:31.600	0.2					T__						14645862	FDSN	IR	--	ISC	iLoc	???	???	_	
CRES	0.43	253.3	Lg	20:41:37.410	-0.8					T__						14645863	FDSN	IR	--	ISC	iLoc	???	???	_	
CRES	0.43	253.3	x	20:41:39.290	-99.0					---		27.1	0.13			14645864	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.5 0																									
DOBS	0.45	296.1	Pg	20:41:32.100	0.4					T__						14645865	FDSN	IR	--	ISC	iLoc	???	???	_	
DOBS	0.45	296.1	Lg	20:41:38.490	0.0					T__						14645866	FDSN	IR	--	ISC	iLoc	???	???	_	
DOBS	0.45	296.1	x	20:41:38.810	-99.0					---		18.1	0.12			14645867	FDSN	IR	--	ISC	iLoc	???	???	_	
LEGS	0.51	269.8	Pg	20:41:33.180	0.4					T__						14645868	FDSN	IR	--	ISC	iLoc	???	???	_	
LEGS	0.51	269.8	Lg	20:41:41.220	0.5					T__						14645869	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.51	15.5	Lg	20:41:41.160	0.4					T__						14645870	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.51	15.5	x	20:41:42.620	-99.0					---		8.7	0.13			14645871	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.51	15.4	Pg	20:41:33.898	0.8					T__	1.9	0.1			MLv	1.9	14645872	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.51	15.4	Sg	20:41:41.291	0.6					T__						14645873	FDSN	SL	--	BUD	iLoc	BHZ	???	_	
(Station ML : 1.9 1																									
OZLJ	0.53	230.7	Pg	20:41:33.410	0.3					T__						14645874	FDSN	IR	--	ISC	iLoc	???	???	_	
OZLJ	0.53	230.7	Lg	20:41:40.770	-0.3					T__						14645875	FDSN	IR	--	ISC	iLoc	???	???	_	
MOSL	0.60	124.4	Pg	20:41:34.790	-0.1					T__						14645876	FDSN	IR	--	ISC	iLoc	???	???	_	
MOSL	0.60	124.4	Lg	20:41:42.530	-1.4					T__						14645877	FDSN	IR	--	ISC	iLoc	???	???	_	
GROS	0.64	323.3	Pg	20:41:35.470	0.2					T__						14645878	FDSN	IR	--	ISC	iLoc	???	???	_	
GROS	0.64	323.3	Lg	20:41:43.630	-1.0					T__						14645879	FDSN	IR	--	ISC	iLoc	???	???	_	
GROS	0.64	323.3	x	20:41:44.290	-99.0					---		7.0	0.09			14645880	FDSN	IR	--	ISC	iLoc	???	???	_	
BEHE	0.72	43.9	Sn	20:41:51.499	0.1					T__						14645881	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
PKDS	0.74	278.8	Pg	20:41:37.390	0.3					T__						14645882	FDSN	IR	--	ISC	iLoc	???	???	_	
VISS	0.86	260.4	Pg	20:41:39.320	0.1					T__						14645883	FDSN	IR	--	ISC	iLoc	???	???	_	
VISS	0.86	260.4	x	20:41:57.550	-99.0					---		5.4	0.20			14645884	FDSN	IR	--	ISC	iLoc	???	???	_	

PERS	0.94	316.8	Pn	20:41:41.380	-0.1	T__										14645885	FDSN	IR	--	ISC	iLoc	??? ???	_
PERS	0.94	316.8	Lg	20:41:53.200	-0.9	T__										14645886	FDSN	IR	--	ISC	iLoc	??? ???	_
PERS	0.94	316.8	x	20:41:57.020	-99.0	---					11.4	0.25				14645887	FDSN	IR	--	ISC	iLoc	??? ???	_
VNDS	0.95	279.5	Pg	20:41:41.050	0.1	T__										14645888	FDSN	IR	--	ISC	iLoc	??? ???	_
SOKA	1.01	316.1	Pg	20:41:42.162	-0.1	T__					0.5	0.26				14645889	FDSN	IR	--	ISC	iLoc	??? ???	_
SOKA	1.01	316.1	Lg	20:41:54.599	-1.9	T__					1.1	0.18				14645890	FDSN	IR	--	ISC	iLoc	??? ???	_
OBKA	1.18	298.6	Pg	20:41:45.650	0.3	T__					1.2	0.28				14645891	FDSN	IR	--	ISC	iLoc	??? ???	_
OBKA	1.18	298.6	Lg	20:42:00.577	-1.3	T__					3.8	0.35				14645892	FDSN	IR	--	ISC	iLoc	??? ???	_
OBKA	1.18	298.6	Sg	20:42:00.460	-1.4	T__										14645893	FDSN	OE	--	BUD	iLoc	BHN ???	_
RIY	1.27	240.9	Pn	20:41:46.160	-0.0	T__										14645894	FDSN	IR	--	ISC	iLoc	??? ???	_
RIY	1.27	240.9	Sn	20:42:04.220	-0.3	T__										14645895	FDSN	IR	--	ISC	iLoc	??? ???	_
ARSA	1.35	344.5	Pg	20:41:49.515	0.6	T__					0.2	0.10				14645896	FDSN	IR	--	ISC	iLoc	??? ???	_
ARSA	1.35	344.5	Sn	20:42:06.027	0.1	T__					1.9	0.40				14645897	FDSN	IR	--	ISC	iLoc	??? ???	_
MORH	1.82	80.8	Pg	20:41:58.655	0.2	T__	1.4				0.1		MLv	2.4		14645898	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
MORH	1.82	80.8	Lg	20:42:22.186	-1.1	T__										14645899	FDSN	HU	--	BUD	iLoc	BHN ???	_
(Station ML : 2.4 0																							
DUGI	2.08	200.1	Pn	20:41:59.730	1.4	T__										14645900	FDSN	IR	--	ISC	iLoc	??? ???	_
DUGI	2.08	200.1	Sn	20:42:25.960	0.7	T__										14645901	FDSN	IR	--	ISC	iLoc	??? ???	_
MORI	2.10	186.8	Pn	20:41:59.500	0.9	T__										14645902	FDSN	IR	--	ISC	iLoc	??? ???	_
MORI	2.10	186.8	Sn	20:42:26.650	1.1	T__										14645903	FDSN	IR	--	ISC	iLoc	??? ???	_
ZIRJ	2.32	187.4	Sn	20:42:30.220	-0.7	T__										14645904	FDSN	IR	--	ISC	iLoc	??? ???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/02/12	10:06:00.28	1.32	0.51	47.1067	18.0132	7.4	5.4	114	4.9F	15.4	8	4	120	0.22	0.99	m	ke BUD	14646467	iLoc			232

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.4	4 BUD	14646467

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
TIH	0.22	202.6	Pg	10:06:04.692	-0.4					T__	6.7	0.9		___	MLv	1.9	14646469	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
TIH	0.22	202.6	Lg	10:06:09.108	0.4					T__				___		14646470	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 1.9 1																									
CSKK	0.31	33.2	Pg	10:06:06.292	-0.4					T__	10.0	0.1		___	MLv	1.3	14646471	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.31	33.2	Lg	10:06:12.036	0.5					T__				___		14646472	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 1.3 1																									
MPLH	0.33	281.3	Pg	10:06:07.403	0.3					T__	1.5	0.1		___	MLv	1.3	14646473	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.33	281.3	Lg	10:06:11.715	-0.5					T__				___		14646474	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.3 1																									
MORH	0.99	153.8	Pg	10:06:20.023	0.1					T__	1.6	0.1		___	MLv	1.8	14646475	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.99	153.8	Sn	10:06:34.711	-0.0					T__				___		14646476	FDSN	HU	--	BUD	iLoc	BHZ	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2015/02/16	10:29:56.79	1.26	1.02	48.5332	20.8040	10.2	4.4	145	0.0S		9	5	157	0.22	1.05	m	kx BUD	14651126	iLoc				189

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.5	4 BUD	14651126

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
-----	------	------	-------	------	------	------	-------	------	------	-----	-----	-----	-----	------	-----------	-------	-----	--------	----	------	-----	-----	-----	---

KECS	0.22	256.8	Pg	10:30:01.305	-0.0	T__	54.8	5.5	---	MLv	2.6	14651128	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.22	256.8	Lg	10:30:04.255	-0.6	T__			---			14651129	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 2.6 1																				
CRVS	0.57	49.4	Pg	10:30:08.186	0.4	T__	2.2	0.0	---	MLv	1.2	14651130	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.57	49.4	Lg	10:30:14.987	-2.2	T__			---			14651131	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 1.2 1																				
PSZ	0.87	225.0	Pg	10:30:15.406	0.4	T__	3.5	0.1	---	MLv	2.0	14651132	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.87	225.0	Lg	10:30:28.042	-0.4	T__			---			14651133	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML : 2.0 1																				
NIE	0.94	340.1	Pn	10:30:16.857	0.2	T__	1.6	0.1	---	MLv	1.8	14651134	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.94	340.1	Lg	10:30:28.397	0.2	T__			---			14651135	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Station ML : 1.8 1																				
KOLS	1.05	67.1	Lg	10:30:34.328	0.6	T__			---			14651136	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/02/16	17:51:43.30	0.07	0.24	47.7612	16.1037	0.6	0.5	117	7.5F	0.5	21	113		0.23	1.58	a	ke IPEC	14520877	ISC			360
2015/02/16	17:51:43.70	0.00		47.7900	16.1100				0.0A		15					a	ke PRU	14520880	ISC			360
2015/02/16	17:51:43.40	0.20	0.31	47.7164	16.1143	1.7	1.1	150	8.1F	2.3	22		4	0.27	1.61	a	ke VIE	14520882	ISC			360
2015/02/16	17:51:42.95	0.96	1.19	47.7528	16.1329	3.3	3.0	133	10.0F	6.3	44	18	64	0.25	2.47	m	ke BUD	14758805	iLoc			103

Magnitude	Err	Nsta	Author	OrigID
ML	1.6		IPEC	14520877
mb	1.5		VIE	14520882
ml	1.7		VIE	14520882
ML	2.2	0.2	6 BUD	14758805

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.25	314.0	Pg	17:51:48.523	0.0					T__		0.7	0.12	---		14758807	FDSN	IR	--	ISC	iLoc	???	???	_	
CONA	0.25	314.0	Lg	17:51:53.004	0.3					T__		16.3	0.20	---		14758808	FDSN	IR	--	ISC	iLoc	???	???	_	
SOP	0.30	103.5	Pg	17:51:49.762	0.5					T__	3.3	0.1		---	MLv	1.3	14758809	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.30	103.5	Lg	17:51:54.205	0.3					T__				---		14758810	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
(Station ML : 1.3 0																									
ARSA	0.65	219.7	Lg	17:52:04.440	-0.5					T__		5.7	0.12	---		14758811	FDSN	IR	--	ISC	iLoc	???	???	_	
ARSA	0.65	219.7	Pg	17:51:55.379	-0.4					T__	3.1	0.1		---	MLv	1.9	14758812	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	0.65	219.7	Sg	17:52:03.480	-1.5					T__				---		14758813	FDSN	OE	--	BUD	iLoc	BHZ	???	_	
(Station ML : 1.9 1																									
ZST	0.79	55.4	Pg	17:51:58.182	-0.6					T__	1.4	1.5		---	MLv	3.1	14758814	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.79	55.4	Pb	17:51:58.300	-0.5					T__				---		14758815	FDSN	IR	--	ISC	iLoc	???	???	_	
ZST	0.79	55.4	Lg	17:52:09.600	-0.0					T__				---		14758816	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 3.1 0																									
EGYH	0.88	112.1	Pn	17:51:59.774	-0.6					T__	1.9	0.1		---	MLv	2.2	14758817	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	0.88	112.1	Lg	17:52:09.751	-2.9					T__				---		14758818	FDSN	HU	--	BUD	iLoc	SHZ	???	_	
(Station ML : 2.2 1																									
MODS	0.99	50.6	Pn	17:52:01.800	-0.2					T__				---		14758819	FDSN	IR	--	ISC	iLoc	???	???	_	
MODS	0.99	50.6	Lg	17:52:16.000	0.0					T__				---		14758820	FDSN	IR	--	ISC	iLoc	???	???	_	
MODS	0.99	50.6	Sn	17:52:17.800	1.0					T__				---		14758821	FDSN	IR	--	ISC	iLoc	???	???	_	
SMOL	1.15	48.3	Pg	17:52:06.000	0.3					T__				---		14758822	FDSN	IR	--	ISC	iLoc	???	???	_	
SMOL	1.15	48.3	Lg	17:52:22.600	1.5					T__				---		14758823	FDSN	IR	--	ISC	iLoc	???	???	_	
SMOL	1.15	48.3	Sg	17:52:24.100	3.0					T__				---		14758824	FDSN	IR	--	ISC	iLoc	???	???	_	
MOA	1.26	275.1	Pg	17:52:07.344	-0.1					T__		0.8	0.15	---		14758825	FDSN	IR	--	ISC	iLoc	???	???	_	
MOA	1.26	275.1	Sn	17:52:24.429	0.7					T__		2.8	0.15	---		14758826	FDSN	IR	--	ISC	iLoc	???	???	_	

KOGS	1.31	176.4	Pg	17:52:08.379	-0.2	T__	1.8	0.1	---	MLv	2.3	14758827	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
KOGS	1.31	176.4	Sn	17:52:24.712	-0.1	T__			---			14758828	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.3 1)																					
SOKA	1.31	215.3	Pg	17:52:07.918	-0.2	T__		0.6	0.16	---		14758829	FDSN	IR	--	ISC	iLoc	???	???	_	
KRUC	1.32	7.5	Sn	17:52:24.200	-0.4	T__		3.9	0.21	---		14758830	FDSN	IR	--	ISC	iLoc	???	???	_	
KRUC	1.32	7.5	Sn	17:52:24.300	-0.4	T__				---		14758831	FDSN	IR	--	ISC	iLoc	???	???	_	
KRUC	1.32	7.5	Pg	17:52:07.498	-0.6	T__				---		14758832	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
KRUC	1.32	7.5	Sg	17:52:24.680	-1.0	T__				---		14758833	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
JAVC	1.51	42.3	Pg	17:52:12.114	-0.4	T__				---		14758834	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
JAVC	1.51	42.3	Pb	17:52:10.900	-1.6	T__				---		14758835	FDSN	IR	--	ISC	iLoc	???	???	_	
JAVC	1.51	42.3	Pb	17:52:10.900	-1.6	T__				---		14758836	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.59	11.0	Pn	17:52:11.400	1.2	T__				---		14758837	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.59	11.0	Pn	17:52:11.400	1.2	T__				---		14758838	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.59	11.0	Lg	17:52:32.900	-0.8	T__		3.1	0.21	---		14758839	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.59	10.9	Pg	17:52:10.977	-2.0	T__				---		14758840	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
TREC	1.60	344.7	Pg	17:52:12.300	-0.9	T__				---		14758841	FDSN	IR	--	ISC	iLoc	???	???	_	
TREC	1.60	344.7	Pb	17:52:14.243	1.0	T__				---		14758842	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
TREC	1.60	344.7	Sn	17:52:32.993	1.3	T__				---		14758843	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
TREC	1.60	344.7	Lg	17:52:33.100	-1.3	T__				---		14758844	FDSN	IR	--	ISC	iLoc	???	???	_	
CKRC	1.62	311.9	Sn	17:52:33.600	1.3	T__		5.2	0.20	---		14758845	FDSN	IR	--	ISC	iLoc	???	???	_	
OBKA	1.65	221.6	Pn	17:52:12.611	1.4	T__	2.1	0.1		---	MLv	2.4	14758846	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.65	221.6	Pg	17:52:14.776	0.4	T__		1.0	0.28	---		14758847	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.4 1)																					
KHC	2.19	310.0	Pg	17:52:22.700	-1.7	T__				---		14758848	FDSN	IR	--	ISC	iLoc	???	???	_	
KHC	2.19	310.0	Lg	17:52:51.300	-1.7	T__				---		14758849	FDSN	IR	--	ISC	iLoc	???	???	_	
PRU	2.47	335.4	Lg	17:53:00.100	-1.1	T__				---		14758850	FDSN	IR	--	ISC	iLoc	???	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/02/23	10:15:28.40	1.27	0.66	48.5760	20.7501	8.8	4.8	141	0.0S		9	5	166	0.20	1.02	m	kx	BUD	14652225	iLoc		239

Magnitude	Err	Nsta	Author	OrigID	
ML	2.0	0.4	5	BUD	14652225

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.20	242.3	Pg	10:15:33.182	0.6					T__	83.2	10.7		---	MLv	2.9	14652227	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.20	242.3	Lg	10:15:35.568	-0.2					T__				---		14652228	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.9 0)																									
CRVS	0.57	55.0	Pg	10:15:39.968	0.6					T__	2.6	0.1		---	MLv	1.6	14652229	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.57	55.0	Lg	10:15:48.026	-0.9					T__				---		14652230	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.6 0)																									
PSZ	0.87	221.3	Pg	10:15:46.930	0.2					T__	1.4	0.2		---	MLv	2.2	14652231	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.87	221.3	Lg	10:15:59.631	-0.7					T__				---		14652232	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.2 1)																									
NIE	0.89	341.3	Pn	10:15:47.591	0.1					T__	1.1	0.1		---	MLv	2.0	14652233	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.0 1)																									
LANS	1.02	304.7	Pg	10:15:48.842	0.4					T__	2.5	0.0		---	MLv	1.6	14652234	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	1.02	304.7	Lg	10:16:02.787	-0.7					T__				---		14652235	FDSN	SK	--	BUD	iLoc	EHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/02/23	11:41:57.32	1.70	0.90	47.2437	18.3689	12.0	5.7	64	0.0S	6	3	201	0.14	1.05	m	kx	BUD	14652596	iLoc			294
2015/02/23	11:41:57.87f	0.98	0.98	47.2302	18.2835f				0.0S	6		172	0.13	1.04	a	kx	BUD_GT	14759223	BUD			270

(GT info : GT2 explosion)
(locality : Iszkaszentgyörgy)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.4	3 BUD	14652596
ML	2.0	0.4	3 BUD	14759223

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
CSKK	0.13	353.3	Pg	11:42:01.229	0.0					T__		0.3		---	MLv	14759353	FDSN	HU	--	BUD	BUD	SHZ	SHZ	_
CSKK	0.13	353.3	Lg	11:42:02.777	-1.1					T__				---		14759354	FDSN	HU	--	BUD	BUD	SHN	???	_
MPLH	0.51	263.5	Pg	11:42:09.514	1.0					T__		0.2		---	MLv	14759355	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MPLH	0.51	263.5	Lg	11:42:17.577	1.1					T__				---		14759356	FDSN	HU	--	BUD	BUD	BHN	???	_
MORH	1.04	166.1	Pg	11:42:18.816	0.1					T__		0.2		---	MLv	14759357	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MORH	1.04	166.1	Lg	11:42:32.921	-1.5					T__				---		14759358	FDSN	HU	--	BUD	BUD	BHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/03/02	11:07:21.40	0.98	1.47	47.8887	19.1565	6.1	4.0	157	0.0S	17	9	105	0.42	1.71	m	kx	BUD	14654332	iLoc			152

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.4	7 BUD	14654332

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
BUD	0.42	192.5	Pg	11:07:32.620	2.3					T__	2.2	0.1		---	MLv	1.6 14654334	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.6 0)																								
PSZ	0.50	86.3	Pg	11:07:31.813	-0.4					T__	1.8	0.1		---	MLv	1.7 14654335	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.50	86.3	Lg	11:07:38.621	-1.8					T__				---		14654336	FDSN	GE	--	BUD	iLoc	BHZ	???	_
(Station ML : 1.7 1)																								
SRO	0.57	262.7	Pg	11:07:33.141	0.0					T__	1.3	1.0		---	MLv	2.8 14654337	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SRO	0.57	262.7	Lg	11:07:42.167	0.4					T__				---		14654338	FDSN	SK	--	BUD	iLoc	EHZ	???	_
(Station ML : 2.8 0)																								
CSKK	0.80	229.4	Pg	11:07:37.292	-0.3					T__	4.3	0.1		---	MLv	2.0 14654339	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.80	229.4	Lg	11:07:47.937	-1.7					T__				---		14654340	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 2.0 1)																								
KECS	1.07	55.7	Pn	11:07:43.160	0.4					T__	2.6	0.3		---	MLv	2.6 14654341	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.07	55.7	Lg	11:07:59.148	0.5					T__				---		14654342	FDSN	SK	--	BUD	iLoc	EHZ	???	_
(Station ML : 2.6 1)																								
MPLH	1.31	237.3	Pn	11:07:46.583	0.5					T__	1.8	0.1		---	MLv	2.0 14654343	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	1.31	237.3	Sn	11:08:05.789	0.6					T__				---		14654344	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 2.0 1)																								
EGYH	1.32	249.7	Pn	11:07:45.616	-0.6					T__	3.5	0.3		---	MLv	2.8 14654345	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	1.32	249.7	Sn	11:08:01.856	-3.6					T__				---		14654346	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 2.8 1)																								
JAVC	1.39	315.0	Pg	11:07:50.193	1.2					T__				---		14654347	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
JAVC	1.39	315.0	Sn	11:08:07.793	0.5					T__				---		14654348	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
MORH	1.71	192.0	Pg	11:07:55.732	0.1					T__				---		14654349	FDSN	HU	--	BUD	iLoc	BHZ	???	_
MORH	1.71	192.0	Sn	11:08:16.432	1.6					T__				---		14654350	FDSN	HU	--	BUD	iLoc	BHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/03/03	10:34:03.49	1.15	1.62	48.5839	20.7692	7.6	4.0	147	0.0S		12	6	151	0.21	1.05	m	kx	BUD	14654714	iLoc		171

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	6 BUD	14654714

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.21	242.0	Pg	10:34:08.227	0.3					T__	47.9	5.3		___	MLv	2.6	14654716	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	242.0	Lg	10:34:11.547	0.1					T__				___		14654717	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
(Station ML : 2.6 0																									
CRVS	0.56	54.9	Pg	10:34:14.948	0.7					T__	1.4	0.0		___	MLv	1.0	14654718	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.56	54.9	Lg	10:34:22.040	-1.4					T__				___		14654719	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.0 0																									
PSZ	0.89	221.6	Pg	10:34:22.225	0.1					T__	1.5	0.1		___	MLv	1.9	14654720	FDSN	GE	--	BUD	iLoc	BHN	BHZ	_
PSZ	0.89	221.6	Lg	10:34:35.313	-0.6					T__				___		14654721	FDSN	GE	--	BUD	iLoc	BHZ	???	_	
(Station ML : 1.9 1																									
NIE	0.89	340.4	Pn	10:34:24.006	1.4					T__	2.0	0.1		___	MLv	1.8	14654722	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.89	340.4	Lg	10:34:35.240	2.2					T__				___		14654723	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1																									
LANS	1.03	303.9	Pg	10:34:21.717	-2.0					T__	7.8	0.1		___	MLv	2.2	14654724	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	1.03	303.9	Sn	10:34:39.640	-1.4					T__				___		14654725	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 2.2 1																									
KOLS	1.05	70.1	Pg	10:34:24.167	0.7					T__	1.4	0.2		___	MLv	2.4	14654726	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	1.05	70.1	Lg	10:34:37.835	-2.7					T__				___		14654727	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/03/03	11:14:19.81	1.51	0.81	48.4091	19.3329	8.6	5.3	57	0.0S		8	5	150	0.62	1.20	m	kx	BUD	14654892	iLoc		224

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	4 BUD	14654892

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.62	142.4	Pg	11:14:33.097	0.1					T__	1.6	0.1		___	MLv	1.6	14654894	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.62	142.4	Lg	11:14:43.140	0.2					T__				___		14654895	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.6 1																									
LANS	0.75	6.8	Pg	11:14:34.888	0.4					T__	5.4	0.1		___	MLv	1.9	14654896	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.75	6.8	Lg	11:14:45.203	-0.3					T__				___		14654897	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 1.9 1																									
KECS	0.77	84.1	Pg	11:14:35.855	0.7					T__	5.2	0.6		___	MLv	2.7	14654898	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.77	84.1	Lg	11:14:45.364	-1.4					T__				___		14654899	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.7 1																									
JAVC	1.19	292.8	Lg	11:15:00.127	-0.6					T__				___		14654900	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
NIE	1.20	32.2	Pg	11:14:42.720	0.4					T__	1.8	0.1		___	MLv	1.9	14654901	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/03/04	09:35:04.56	1.30	1.22	47.0723	18.2594	9.3	6.1	100	0.0S		7	5	162	0.29	0.99	m	kx	BUD	14654919	iLoc		241

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 5 BUD 14654919

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.29	0.1	Pg	09:35:10.707	-0.2					T__	3.0	0.0		___	MLv	0.7	14654921	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.29	0.1	Lg	09:35:16.342	0.4					T__				---		14654922	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 0.7 0																									
TIH	0.31	236.0	Pg	09:35:12.447	1.2					T__	2.0	0.2		___	MLv	1.5	14654923	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 1.5 1																									
MPLH	0.50	281.5	Pg	09:35:14.859	-0.2					T__	1.4	0.1		___	MLv	1.5	14654924	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.50	281.5	Lg	09:35:21.242	-1.7					T__				---		14654925	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.5 1																									
MORH	0.90	162.7	Pn	09:35:23.923	0.6					T__	2.1	0.0		___	MLv	1.7	14654926	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.7 0																									
KOVH	0.99	186.4	Pg	09:35:23.592	-1.0					T__	0.9	0.0		___	MLv	1.6	14654927	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2015/03/04 12:21:07.90 1.23 0.65 48.5069 19.3549 6.5 4.1 5 0.0S 12 6 119 0.35 1.45 m kx BUD 14654949 iLoc 176

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 5 BUD 14654949

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.35	268.0	Pg	12:21:15.300	0.3					T__	2.0	0.0		___	MLv	14654951	FDSN	SK	--	BUD	iLoc	HHN	HHZ	_	
VYHS	0.35	268.0	Lg	12:21:20.136	-0.1					T__				---		14654952	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : -0.7 0																									
PSZ	0.69	148.3	Pg	12:21:22.714	0.1					T__	2.3	0.1		___	MLv	1.9	14654953	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.69	148.3	Lg	12:21:33.029	-0.5					T__				---		14654954	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.9 1																									
KECS	0.75	91.4	Pg	12:21:23.359	0.5					T__	13.0	1.7		___	MLv	3.1	14654955	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.75	91.4	Lg	12:21:33.674	-0.5					T__				---		14654956	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 3.1 0																									
NIE	1.11	34.3	Pg	12:21:29.278	0.6					T__	1.9	0.0		___	MLv	1.7	14654957	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.11	34.3	Lg	12:21:43.461	-1.3					T__				---		14654958	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.7 1																									
JAVC	1.17	288.2	Pg	12:21:31.470	0.3					T__				---		14654959	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
JAVC	1.17	288.2	Lg	12:21:47.587	-0.5					T__				---		14654960	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
CRVS	1.45	73.4	Pg	12:21:35.725	0.7					T__	1.7	0.0		___	MLv	1.5	14654961	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	1.45	73.4	Sn	12:21:56.355	0.1					T__				---		14654962	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2015/03/08 22:17:34.70 1.37 1.16 47.8613 20.7729 5.0 4.1 13 8.8F 9.6 22 13 52 0.59 1.85 m ke BUD 14655188 iLoc 95

Magnitude Err Nsta Author OrigID
ML 2.1 0.3 12 BUD 14655188

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.59	275.8	Pg	22:17:47.300	-0.1					T__	2.4	0.1		___	MLv	1.9	14655190	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_

PSZ	0.59	275.8	Lg	22:17:55.939	-0.8	T__									14655191	FDSN	GE	--	BUD	iLoc	BHZ	???	_
(Station ML	:	1.9	1																				
KECS	0.65	342.9	Pn	22:17:48.074	-0.9	---	9.8	1.0	---	MLv	2.9	14655192	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_			
KECS	0.65	342.9	Lg	22:17:57.100	-0.4	T__			---			14655193	FDSN	SK	--	BUD	iLoc	EHZ	???	_			
(Station ML	:	2.9	0																				
BSZH	0.66	211.5	Pn	22:17:49.294	0.2	T__	2.3	0.1	---	MLv	1.9	14655194	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_			
BSZH	0.66	211.5	Sn	22:18:00.323	-0.1	T__			---			14655195	FDSN	HU	--	BUD	iLoc	HHZ	???	_			
(Station ML	:	1.9	1																				
LTVH	0.90	121.6	Pg	22:17:53.103	0.3	T__	4.0	0.4	---	MLv	2.6	14655196	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_			
LTVH	0.90	121.6	Sn	22:18:05.610	-1.0	T__			---			14655197	FDSN	HU	--	BUD	iLoc	SHZ	???	_			
(Station ML	:	2.6	1																				
CRVS	1.14	23.5	Pg	22:17:56.842	0.9	T__	1.5	0.0	---	MLv	1.7	14655198	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_			
CRVS	1.14	23.5	Sn	22:18:12.375	-0.7	T__			---			14655199	FDSN	SK	--	BUD	iLoc	HHN	???	_			
(Station ML	:	1.7	0																				
VYHS	1.44	296.7	Pg	22:18:03.413	-0.0	T__	2.0	0.0	---	MLv	0.2	14655200	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_			
VYHS	1.44	296.7	Lg	22:18:22.464	-1.2	T__			---			14655201	FDSN	SK	--	BUD	iLoc	HHN	???	_			
(Station ML	:	0.2	0																				
KOLS	1.47	42.4	Pg	22:18:03.031	0.7	T__	1.4	0.3	---	MLv	2.8	14655202	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_			
KOLS	1.47	42.4	Lg	22:18:23.496	-1.9	T__			---			14655203	FDSN	SK	--	BUD	iLoc	HHN	???	_			
(Station ML	:	2.8	0																				
LANS	1.55	326.6	Pg	22:18:04.836	-0.3	T__	2.9	0.0	---	MLv	1.9	14655204	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_			
LANS	1.55	326.6	Lg	22:18:25.946	-1.1	T__			---			14655205	FDSN	SK	--	BUD	iLoc	EHN	???	_			
(Station ML	:	1.9	1																				
NIE	1.59	349.1	Pg	22:18:05.868	1.0	T__	1.5	0.1	---	MLv	2.2	14655206	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_			
NIE	1.59	349.1	Lg	22:18:25.853	-1.7	T__			---			14655207	FDSN	PL	--	BUD	iLoc	BHN	???	_			
(Station ML	:	2.2	1																				
DRGR	1.70	128.4	Pg	22:18:07.539	-0.7	T__	1.7	0.1	---	MLv	2.3	14655208	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_			
DRGR	1.70	128.4	Sn	22:18:29.040	2.5	T__			---			14655209	FDSN	RO	--	BUD	iLoc	BHN	???	_			
(Station ML	:	2.3	1																				
STRR	1.71	158.8	Pn	22:18:04.219	0.3	T__			---			14655210	FDSN	RO	--	BUD	iLoc	BHZ	???	_			
CSKK	1.77	254.6	Pn	22:18:06.282	1.6	T__	3.3	0.0	---	MLv	1.8	14655211	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_			
(Station ML	:	1.8	1																				
BMR	1.85	94.9	Pn	22:18:06.540	0.3	T__	1.5	0.1	---	MLv	2.5	14655212	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/03/08	22:21:06.04	1.36	1.17	47.8396	20.7650	5.2	4.2	63	7.4F	9.9	21	11	65	0.59	1.85	m	ke BUD	14656625	iLoc			119

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.2	11 BUD	14656625

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.59	278.0	Pg	22:21:18.710	0.1					T__	1.8	0.1		---	MLv	1.9	14656627	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.59	278.0	Lg	22:21:27.478	-0.5					T__				---			14656628	FDSN	GE	--	BUD	iLoc	BHZ	???	_
(Station ML	:	1.9	1																						
BSZH	0.64	212.1	Pn	22:21:21.074	0.8					T__	1.5	0.1		---	MLv	1.7	14656629	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	0.64	212.1	Sn	22:21:30.889	-0.7					T__				---			14656630	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Station ML	:	1.7	1																						
KECS	0.67	343.9	Pg	22:21:19.124	-0.2					T__	4.6	0.5		---	MLv	2.6	14656631	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.67	343.9	Lg	22:21:28.509	-0.9					T__				---			14656632	FDSN	SK	--	BUD	iLoc	EHZ	???	_
(Station ML	:	2.6	0																						
LTVH	0.89	120.2	Pn	22:21:24.126	0.1					T__	1.9	0.2		---	MLv	2.3	14656633	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_

LTVH	0.89	120.2	Sn	22:21:36.633	-1.5	T__									14656634	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML	:	2.3	1																				
CRVS	1.16	23.3	Pn	22:21:28.123	0.2	T__	1.6	0.0					MLv	1.7	14656635	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	1.16	23.3	Sn	22:21:43.853	-1.4	T__									14656636	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML	:	1.7	0																				
KOLS	1.49	42.0	Pg	22:21:34.828	1.0	T__	1.7	0.4					MLv	3.0	14656637	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	1.49	42.0	Sn	22:21:53.137	-0.5	T__									14656638	FDSN	SK	--	BUD	iLoc	HHZ	???	_
(Station ML	:	3.0	0																				
LANS	1.57	327.1	Pg	22:21:35.730	-1.1	T__	1.9	0.0					MLv	1.7	14656639	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	1.57	327.1	Sn	22:21:56.790	1.4	T__									14656640	FDSN	SK	--	BUD	iLoc	EHZ	???	_
(Station ML	:	1.7	0																				
NIE	1.61	349.4	Pg	22:21:36.904	0.2	T__	1.1	0.1					MLv	2.2	14656641	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.61	349.4	Sn	22:21:57.263	0.7	T__									14656642	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Station ML	:	2.2	1																				
DRGR	1.69	127.7	Pg	22:21:38.932	-0.5	T__	1.5	0.1					MLv	2.4	14656643	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	1.69	127.7	Sn	22:21:59.584	1.6	T__									14656644	FDSN	RO	--	BUD	iLoc	BHZ	???	_
(Station ML	:	2.4	1																				
SIRR	1.69	158.4	Pg	22:21:39.727	-0.2	T__	1.3	0.1					MLv	2.2	14656645	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML	:	2.2	1																				
BMR	1.85	94.2	Pg	22:21:40.608	-1.2	T__	1.9	0.1					MLv	2.6	14656646	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BMR	1.85	94.2	Sn	22:22:04.914	2.7	T__									14656647	FDSN	RO	--	BUD	iLoc	BHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/03/09	09:55:42.60	1.26	0.93	47.8465	20.8525	4.6	3.8	59	7.6F	9.4	21	13	82	0.65	2.79	m	ke BUD	14656693	iLoc			101

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.2	10 BUD	14656693

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.65	276.7	Pg	09:55:55.586	-0.8					T__	3.4	0.2			MLv	2.2	14656695	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.65	276.7	Lg	09:56:04.450	-2.1					T__						14656696	FDSN	GE	--	BUD	iLoc	BHZ	???	_	
(Station ML	:	2.2	0																						
BSZH	0.68	216.1	Pg	09:55:57.294	0.2					T__	2.0	0.2			MLv	2.2	14656697	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	0.68	216.1	Lg	09:56:08.061	0.4					T__						14656698	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML	:	2.2	1																						
KECS	0.68	339.1	Pg	09:55:56.375	0.2					T__	10.9	1.2			MLv	3.0	14656699	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.68	339.1	Lg	09:56:05.658	-0.7					T__						14656700	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
(Station ML	:	3.0	0																						
LTVH	0.85	122.7	Pg	09:55:59.776	0.1					T__	2.6	0.5			MLv	2.6	14656701	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
LTVH	0.85	122.7	Lg	09:56:13.395	-0.1					T__						14656702	FDSN	HU	--	BUD	iLoc	SHZ	???	_	
(Station ML	:	2.6	1																						
CRVS	1.13	20.8	Pn	09:56:04.676	0.6					T__	1.8	0.0			MLv	1.6	14656703	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	1.13	20.8	Sn	09:56:20.052	-1.1					T__						14656704	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML	:	1.6	0																						
KOLS	1.44	40.5	Pg	09:56:09.576	-0.0					T__	1.5	0.4			MLv	2.9	14656705	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	1.44	40.5	Sn	09:56:29.110	0.0					T__						14656706	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML	:	2.9	0																						
VYHS	1.50	296.4	Sn	09:56:30.045	0.4					T__						14656707	FDSN	SK	--	BUD	iLoc	HHN	???	_	
LANS	1.60	325.3	Pn	09:56:11.091	0.6					T__	4.2	0.1			MLv	2.3	14656708	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	1.60	325.3	Sn	09:56:33.268	0.6					T__						14656709	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML	:	2.3	1																						

NIE	1.61	347.4	Pg	09:56:13.444	0.2	T__	1.8	0.1	___	MLv	2.3	14656710	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.3 1																				
DRGR	1.65	129.2	Pn	09:56:12.105	0.7	T__	2.1	0.1	___	MLv	2.4	14656711	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	1.65	129.2	Sn	09:56:31.977	-1.5	T__			---			14656712	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Station ML : 2.4 1																				
SIRR	1.68	160.4	Pg	09:56:15.217	-1.0	T__			---			14656713	FDSN	RO	--	BUD	iLoc	BHZ	???	_
MORH	2.22	223.6	Pn	09:56:20.414	1.4	T__	1.1	0.1	---	MLv	2.5	14656714	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.5 1																				
GZR	2.79	150.9	Pn	09:56:27.965	0.7	T__			---			14656715	FDSN	RO	--	BUD	iLoc	BHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/03/11	09:54:22.77	3.21	0.33	46.0416	18.3365	44.9	6.0	169	0.0S		4	2	235	0.17	0.28	m	kx	BUD	14656757	iLoc		360
2015/03/11	09:54:23.29f		0.40	46.1765	18.2926f				0.0S		4		204	0.16	0.25	a	kx	BUD_GT	14759225	BUD		360
(GT info : GT2 explosion)																						
(locality : Komló II.)																						

Magnitude	Err	Nsta	Author	OrigID
-----------	-----	------	--------	--------

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
KOVH	0.16	236.7	Pg	09:54:26.944	-0.2					T__		0.2		---	MLv	14759361	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	0.16	236.7	Lg	09:54:29.909	-0.3					T__				---		14759362	FDSN	HU	--	BUD	BUD	BHN	???	_
MORH	0.25	80.7	Pg	09:54:28.749	-0.1					T__		0.1		---	MLv	14759363	FDSN	HU	--	BUD	BUD	BHN	BHZ	_
MORH	0.25	80.7	Lg	09:54:33.842	0.7					T__				---		14759364	FDSN	HU	--	BUD	BUD	BHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/03/12	08:23:18.00f	99.99	0.60	46.2080	18.2584	13.6	5.7	155	0.0S		4	2	225	0.16	0.27	m	kx	BUD	14656818	iLoc		360
2015/03/12	08:23:17.13f		7.10	46.1765	18.2926f				0.0S		4		155	0.16	1.12	a	kx	BUD_GT	14759227	BUD		263
(locality : Komló II.)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.0	3 BUD	14656818
ML	1.0	0.0	3 BUD	14759227

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
KOVH	0.16	236.7	Pg	08:23:20.795	-0.2					T__		0.2		---	MLv	14759367	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	0.16	236.7	Lg	08:23:23.857	-0.2					T__				---		14759368	FDSN	HU	--	BUD	BUD	BHN	???	_
MORH	0.25	80.7	Pg	08:23:22.922	0.3					T__		0.1		---	MLv	14759369	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MORH	0.25	80.7	Lg	08:23:27.048	0.1					T__				---		14759370	FDSN	HU	--	BUD	BUD	BHN	???	_
MPLH	1.12	332.7	Pn	08:23:26.727	-12.5					---		0.1		---	MLv	14759371	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MPLH	1.12	332.7	Sn	08:23:44.392	-12.1					---				---		14759372	FDSN	HU	--	BUD	BUD	BHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/03/12	19:11:56.20	1.21	0.82	46.1438	16.6853	11.1	5.8	164	18.7F	17.5	9	5	157	0.43	1.36	m	ke	BUD	14656786	iLoc		222

Magnitude	Err	Nsta	Author	OrigID
-----------	-----	------	--------	--------

ML 2.0 0.0 5 BUD 14656786

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOGS	0.43	315.4	Pg	19:12:04.987	-0.3					T__	1.3	0.1		---	MLv	1.6	14656788	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.43	315.4	Lg	19:12:12.143	0.3					T__				---		14656789	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.6 0)																									
CRES	0.91	250.1	Pg	19:12:14.130	0.0					T__	2.4	0.1		---	MLv	2.0	14656790	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.91	250.1	Lg	19:12:26.895	-0.1					T__				---		14656791	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.0 1)																									
KOVH	0.99	92.7	Pn	19:12:14.979	0.5					T__	2.1	0.1		---	MLv	2.0	14656792	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.99	92.7	Sn	19:12:27.873	-0.8					T__				---		14656793	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.0 1)																									
MPLH	1.18	29.5	Pg	19:12:19.827	0.3					T__	0.8	0.1		---	MLv	2.0	14656794	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.0 1)																									
MORH	1.36	86.3	Pg	19:12:23.754	0.7					T__	2.1	0.1		---	MLv	2.1	14656795	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.36	86.3	Lg	19:12:40.767	-1.3					T__				---		14656796	FDSN	HU	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2015/03/17	08:03:01.33	3.21	0.43	45.9312	18.3651	27.4	7.8	174	0.0S		4	2	276	0.24	0.34	m	kx BUD	14657201	iLoc			360		
2015/03/17	08:02:59.69f		0.61	45.8525	18.3977f				0.0S		4		293	0.31	0.40	a	kx BUD_GT	14759229	BUD			360		
(GT info : GT2 explosion)																								
(locality : Nagyharsány I.)																								

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KOVH	0.31	318.7	Pg	08:03:06.957	0.4					T__		0.1		---	MLv	14759375	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	0.31	318.7	Lg	08:03:10.889	-1.1					T__				---		14759376	FDSN	HU	--	BUD	BUD	BHN	???	_
MORH	0.40	25.2	Pg	08:03:08.633	0.4					T__		0.1		---	MLv	14759377	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MORH	0.40	25.2	Lg	08:03:14.822	-0.1					T__				---		14759378	FDSN	HU	--	BUD	BUD	BHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/03/19	11:43:28.96	1.07	1.18	48.5272	19.3611	5.6	4.5	17	0.0S		13	7	115	0.35	1.73	m	kx BUD	14657409	iLoc			171

Magnitude Err Nsta Author OrigID
ML 1.9 0.1 5 BUD 14657409

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.35	264.8	Pg	11:43:36.570	0.4					T__	5.5	0.1		---	MLv	1.1	14657411	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.35	264.8	Lg	11:43:39.216	-2.3					T__				---		14657412	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.1 0)																									
LANS	0.63	6.4	Pg	11:43:41.728	0.4					T__	4.2	0.1		---	MLv	1.9	14657413	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.63	6.4	Lg	11:43:49.400	-1.2					T__				---		14657414	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 1.9 1)																									
PSZ	0.71	149.5	Pg	11:43:44.201	0.2					T__	3.0	0.1		---	MLv	1.8	14657415	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.71	149.5	Lg	11:43:54.710	-0.4					T__				---		14657416	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1)																									
KECS	0.75	92.9	Pg	11:43:44.515	0.7					T__	15.3	1.9		---	MLv	3.2	14657417	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_

KECS	0.75	92.9	Lg	11:43:55.024	-0.1	T__									14657418	FDSN	SK	--	BUD	iLoc	EHZ	???	_
(Station ML : 3.2 0																							
NIE	1.09	34.7	Pn	11:43:50.520	-0.3	T__	1.9	0.1				MLv	1.9	14657419	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_	
NIE	1.09	34.7	Lg	11:44:04.832	-0.4	T__								14657420	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.9 1																							
JAVC	1.17	287.2	Pg	11:43:54.098	1.9	T__								14657421	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
MORC	1.73	317.0	Pn	11:44:00.577	1.0	T__								14657422	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
MORC	1.73	317.0	Sn	11:44:22.303	-1.2	T__								14657423	FDSN	CZ	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/03/21	12:13:29.96	1.19	0.61	48.3458	19.8612	6.2	5.6	149	0.0S		8	4	105	0.43	1.11	m	kx BUD	14657914	iLoc			211

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	4 BUD	14657914

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.43	177.0	Pg	12:13:39.273	-0.1					T__	4.1	0.1			MLv	1.5	14657916	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.43	177.0	Lg	12:13:46.171	-0.2					T__						14657917	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.5 1																									
KECS	0.44	71.5	Pg	12:13:38.282	-0.5					T__	5.6	0.8			MLv	2.4	14657918	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.44	71.5	Lg	12:13:46.107	0.5					T__						14657919	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.4 1																									
VYHS	0.70	282.6	Pg	12:13:44.318	0.3					T__	2.0	0.0			MLv	1.2	14657920	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.70	282.6	Lg	12:13:53.521	-0.9					T__						14657921	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.2 1																									
NIE	1.11	15.4	Pn	12:13:52.554	0.5					T__	1.2	0.0			MLv	1.6	14657922	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.11	15.4	Lg	12:14:06.608	-0.4					T__						14657923	FDSN	PL	--	BUD	iLoc	BHZ	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/03/24	18:45:50.07	1.49	0.82	47.5430	18.8610	8.0	6.6	139	7.4F	13.3	7	7	111	0.13	1.34	m	ke BUD	14658499	iLoc			173

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	7 BUD	14658499

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BUD	0.13	118.2	Pg	18:45:53.279	0.1					T__	12.0	0.5			MLv	1.4	14658501	FDSN	HU	--	BUD	iLoc	BHN	BHZ	_
(Station ML : 1.4 1																									
CSKK	0.45	246.4	Pg	18:45:58.699	-0.5					T__	6.8	0.1			MLv	1.7	14658502	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 1.7 1																									
PSZ	0.79	61.3	Pn	18:46:06.109	-0.5					T__	2.1	0.1			MLv	1.8	14658503	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.8 1																									
TIH	0.92	226.2	Pg	18:46:09.437	1.0					T__	2.2	0.2			MLv	2.3	14658504	FDSN	HU	--	BUD	iLoc	SHN	SHZ	_
(Station ML : 2.3 0																									
VYHS	0.95	359.0	Pg	18:46:09.677	0.6					T__	0.9	0.0			MLv	1.2	14658505	FDSN	SK	--	BUD	iLoc	HHN	HHZ	_
(Station ML : 1.2 0																									
MPLH	0.97	247.9	Pg	18:46:09.437	0.1					T__	1.3	0.0			MLv	1.6	14658506	FDSN	HU	--	BUD	iLoc	BHE	BHZ	_
(Station ML : 1.6 1																									
MORH	1.34	186.5	Pg	18:46:16.915	0.4					T__	1.0	0.0			MLv	1.7	14658507	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/03/25	10:16:25.00	1.52	0.43	46.2135	18.2659	9.2	5.6	151	0.0S		5	3	133	0.17	0.73	m	kx BUD	14658537	iLoc			249
2015/03/25	10:16:25.08f		0.45	46.1765	18.2926f				0.0S		5		155	0.16	0.78	a	kx BUD_GT	14759231	BUD			258
(locality : Komló II.)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.2	3 BUD	14658537
ML	1.0	0.2	3 BUD	14759231

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
KOVH	0.16	236.7	Pg	10:16:29.058	0.1					T__		0.2			MLv	14759381	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	0.16	236.7	Lg	10:16:32.282	0.3					T__						14759382	FDSN	HU	--	BUD	BUD	BHN	???	_
MORH	0.25	80.7	Pg	10:16:31.121	0.5					T__		0.1			MLv	14759383	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MORH	0.25	80.7	Lg	10:16:34.861	-0.1					T__						14759384	FDSN	HU	--	BUD	BUD	BHZ	???	_
TIH	0.78	339.0	Pg	10:16:40.161	-0.8					T__		0.3			MLv	14759385	FDSN	HU	--	BUD	BUD	SHE	SHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/03/26	12:36:49.15	1.22	0.86	47.1297	17.9623	6.0	4.4	89	4.7F	11.7	14	7	111	0.24	1.49	m	ke BUD	14658557	iLoc			133

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	7 BUD	14658557

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
TIH	0.24	192.5	Pg	12:36:54.045	-0.1					T__	7.5	1.3			MLv	2.1 14658559	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
TIH	0.24	192.5	Lg	12:36:58.494	0.5					T__						14658560	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 2.1 0																								
MPLH	0.29	278.1	Pg	12:36:55.718	0.5					T__	8.5	0.2			MLv	1.5 14658561	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.29	278.1	Lg	12:37:00.170	0.4					T__						14658562	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.5 1																								
CSKK	0.31	40.9	Pg	12:36:55.653	0.1					T__	10.0	0.3			MLv	1.6 14658563	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.31	40.9	Lg	12:37:00.009	-0.4					T__						14658564	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 1.6 1																								
EGYH	0.52	304.0	Pg	12:36:58.812	-0.8					T__	1.5	0.2			MLv	2.0 14658565	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	0.52	304.0	Lg	12:37:05.972	-1.3					T__						14658566	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 2.0 1																								
MORH	1.03	152.6	Pn	12:37:09.196	0.2					T__	2.4	0.0			MLv	1.7 14658567	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.03	152.6	Lg	12:37:23.766	-0.6					T__						14658568	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 1.7 1																								
KOVH	1.05	174.7	Pn	12:37:09.711	0.3					T__	1.2	0.0			MLv	1.7 14658569	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.05	174.7	Lg	12:37:23.444	-1.7					T__						14658570	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.7 1																								
VYHS	1.49	23.0	Pn	12:37:15.772	0.2					T__	1.7	0.0			MLv	1.5 14658571	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.49	23.0	Sn	12:37:36.724	0.9					T__						14658572	FDSN	SK	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/03/27	12:13:28.16	1.21	1.25	48.5623	20.7728	10.3	4.7	138	0.0S		10	5	169	0.21	1.29	m	kx BUD	14658602	iLoc			241

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	5 BUD	14658602

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.21	247.6	Pg	12:13:33.606	1.1					T__	148.4	17.3		---	MLv	3.1	14658604	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	247.6	Lg	12:13:37.087	1.2					T__				---		14658605	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
(Station ML : 3.1 0																									
CRVS	0.57	53.0	Pg	12:13:40.375	1.3					T__	3.3	0.0		---	MLv	1.2	14658606	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.57	53.0	Lg	12:13:47.539	-1.0					T__				---		14658607	FDSN	SK	--	BUD	iLoc	HHN	HHN	_	
(Station ML : 1.2 0																									
PSZ	0.87	222.7	Pn	12:13:46.951	-0.0					T__	2.2	0.1		---	MLv	1.8	14658608	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.87	222.7	Lg	12:13:59.627	-0.4					T__				---		14658609	FDSN	GE	--	BUD	iLoc	BHN	HHN	_	
(Station ML : 1.8 1																									
NIE	0.91	340.7	Pn	12:13:47.317	-0.2					T__	2.0	0.0		---	MLv	1.6	14658610	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.91	340.7	Lg	12:13:59.050	0.6					T__				---		14658611	FDSN	PL	--	BUD	iLoc	BHN	HHN	_	
(Station ML : 1.6 1																									
VYHS	1.29	267.7	Pn	12:13:51.572	-1.1					T__	1.9	0.0		---	MLv	1.4	14658612	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.29	267.7	Sn	12:14:10.075	-1.9					T__				---		14658613	FDSN	SK	--	BUD	iLoc	HHN	HHN	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2015/03/29	15:39:17.10		1.03	48.0900	20.8400				12.0A					3	3.33	5.15	a	ke CSEM	14529541	ISC			360
2015/03/29	15:39:16.90	0.17	0.22	48.0024	20.8603	1.5	0.7	144	17.8F	1.0	17		224	0.65	3.15	a	ke IPEC	14529538	ISC			360	
2015/03/29	15:39:18.00	0.00		47.8400	20.7800				21.0A		23					a	ke PRU	14529544	ISC			360	
2015/03/29	15:39:16.57	0.94	1.77	48.0152	20.8586	2.5	2.2	14	3.3F	7.1	129	68	50	0.66	5.70	m	ke BUD	14658815	iLoc			72	

Magnitude	Err	Nsta	Author	OrigID
ml	3.3		CSEM	14529541
ML	1.0		IPEC	14529538
ML	3.2	0.3	20 BUD	14658815

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.66	261.9	Lg	15:39:38.873	-1.8					T__				---		14658817	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	0.66	261.9	Pg	15:39:29.752	-0.7					T__	69.2	1.8		---	MLv	3.1	14658818	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.66	261.9	Sg	15:39:39.385	-1.3					T__				---		14658819	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 3.1 1																									
BSZH	0.82	209.4	Pn	15:39:34.150	0.2					T__	11.7	0.7		---	MLv	2.8	14658820	FDSN	HU	--	BUD	iLoc	HHE	HHZ	_
BSZH	0.82	209.4	Pg	15:39:34.383	0.4					T__				---		14658821	FDSN	IR	--	ISC	iLoc	???	???	_	
BSZH	0.82	209.4	Sn	15:39:45.974	-1.6					T__				---		14658822	FDSN	IR	--	ISC	iLoc	???	???	_	
BSZH	0.82	209.4	Lg	15:39:46.207	-0.6					T__				---		14658823	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.8 0																									
LTVH	0.95	131.5	Pg	15:39:36.319	0.8					T__				---		14658824	FDSN	IR	--	ISC	iLoc	???	???	_	
LTVH	0.95	131.5	Sn	15:39:50.442	-0.4					T__				---		14658825	FDSN	IR	--	ISC	iLoc	???	???	_	
LTVH	0.95	131.5	Pn	15:39:35.909	0.1					T__	19.3	2.7		---	MLv	3.5	14658826	FDSN	HU	--	BUD	iLoc	SHE	SHZ	_
LTVH	0.95	131.5	Lg	15:39:50.643	-0.3					T__				---		14658827	FDSN	HU	--	BUD	iLoc	SHE	???	_	
(Station ML : 3.5 1																									
CRVS	0.97	24.1	Pg	15:39:35.300	0.5					T__				---		14658828	FDSN	IR	--	ISC	iLoc	???	???	_	
CRVS	0.97	24.1	Sn	15:39:53.100	1.0					T__				---		14658829	FDSN	IR	--	ISC	iLoc	???	???	_	
CRVS	0.97	24.1	Pb	15:39:35.040	0.3					T__	31.9	0.3		---	MLv	2.6	14658830	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

CRVS	0.97	24.1	Pb			---		0.3		---	MLv	2.6	14658830	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	-
CRVS	0.97	24.1	Pn	15:39:35.455	-0.9	T__				---			14658831	FDSN	SK	--	BUD	iLoc	HHZ	???	-
CRVS	0.97	24.1	Lg	15:39:48.124	-2.2	T__				---			14658832	FDSN	SK	--	BUD	iLoc	HHE	???	-
(Station ML : 2.6 0																					
CEI	1.13	106.5	Pg	15:39:39.944	1.4	T__				---			14658833	FDSN	IR	--	ISC	iLoc	???	???	-
CEI	1.13	106.5	Sn	15:39:55.245	-0.5	T__				---			14658834	FDSN	IR	--	ISC	iLoc	???	???	-
KOLS	1.32	45.2	Pn	15:39:40.992	-0.3	T__				---			14658835	FDSN	SK	--	BUD	iLoc	HHZ	???	-
KOLS	1.32	45.2	Sn	15:39:58.688	-2.2	T__				---			14658836	FDSN	SK	--	BUD	iLoc	HHE	???	-
KOLS	1.32	45.2	Lg	15:39:58.800	-3.4	T__				---			14658837	FDSN	IR	--	ISC	iLoc	???	???	-
KOLS	1.32	45.2	Sg	15:40:09.600	7.4	T__				---			14658838	FDSN	IR	--	ISC	iLoc	???	???	-
VYHS	1.43	290.3	Sn	15:40:02.400	-0.6	T__				---			14658839	FDSN	IR	--	ISC	iLoc	???	???	-
VYHS	1.43	290.3	Pn	15:39:42.637	0.1	T__	16.7	0.2		---	MLv	2.6	14658840	FDSN	SK	--	BUD	iLoc	HHE	HHZ	-
VYHS	1.43	290.3	Lg	15:40:01.959	-3.8	T__				---			14658841	FDSN	SK	--	BUD	iLoc	HHE	???	-
(Station ML : 2.6 0																					
NIE	1.45	345.4	Pg	15:39:43.300	-0.5	T__				---			14658842	FDSN	IR	--	ISC	iLoc	???	???	-
NIE	1.45	345.4	Sn	15:40:01.500	-2.5	T__				---			14658843	FDSN	IR	--	ISC	iLoc	???	???	-
LANS	1.46	321.4	Pn	15:39:43.950	0.8	T__	166.9	1.7		---	MLv	3.6	14658844	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	-
LANS	1.46	321.4	Pn			---		1.7		---	MLv	3.6	14658844	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	-
LANS	1.46	321.4	Pg	15:39:44.200	-1.0	T__				---			14658845	FDSN	IR	--	ISC	iLoc	???	???	-
LANS	1.46	321.4	Pb	15:39:44.307	-0.9	T__				---			14658846	FDSN	SK	--	BUD	iLoc	EHZ	???	-
LANS	1.46	321.4	Sn	15:40:02.755	-1.4	T__				---			14658847	FDSN	SK	--	BUD	iLoc	EHE	???	-
LANS	1.46	321.4	Lg	15:40:04.400	-2.1	T__				---			14658848	FDSN	IR	--	ISC	iLoc	???	???	-
LANS	1.46	321.4	Sg	15:40:09.700	3.2	T__				---			14658849	FDSN	IR	--	ISC	iLoc	???	???	-
(Station ML : 3.6 0																					
AMBH	1.67	183.2	Pn	15:39:46.662	0.9	T__	6.9	0.9		---	MLv	3.4	14658850	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	-
AMBH	1.67	183.2	Pg	15:39:47.309	-3.0	T__				---			14658851	FDSN	IR	--	ISC	iLoc	???	???	-
(Station ML : 3.4 1																					
SRO2	1.68	262.3	Pg	15:39:49.900	0.1	T__				---			14658852	FDSN	IR	--	ISC	iLoc	???	???	-
SRO2	1.68	262.3	Lg	15:40:13.800	0.0	T__				---			14658853	FDSN	IR	--	ISC	iLoc	???	???	-
SRO2	1.68	262.3	Sg	15:40:23.200	9.4	---				---			14658854	FDSN	IR	--	ISC	iLoc	???	???	-
SRO	1.72	264.2	Pg	15:39:50.200	-0.6	T__				---			14658855	FDSN	IR	--	ISC	iLoc	???	???	-
SRO	1.72	264.2	Lg	15:40:15.500	0.2	T__				---			14658856	FDSN	IR	--	ISC	iLoc	???	???	-
SRO	1.72	264.2	Sg	15:40:21.300	6.0	T__				---			14658857	FDSN	IR	--	ISC	iLoc	???	???	-
DRGR	1.76	133.5	Pn	15:39:46.969	-0.5	T__	38.2	0.9		---	MLv	3.4	14658858	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
DRGR	1.76	133.5	Pg	15:39:47.336	-4.0	T__				---			14658859	FDSN	RO	--	BUD	iLoc	BHZ	???	-
DRGR	1.76	133.5	Sn	15:40:08.325	-2.8	T__				---			14658860	FDSN	RO	--	BUD	iLoc	BHN	???	-
(Station ML : 3.4 1																					
BMR	1.81	99.9	Pn	15:39:47.960	-0.3	T__				---			14658861	FDSN	IR	--	ISC	iLoc	???	???	-
BMR	1.81	99.9	Sn	15:40:12.487	-0.3	T__				---			14658862	FDSN	IR	--	ISC	iLoc	???	???	-
BMR	1.81	99.9	Pg	15:39:51.627	0.2	T__				---			14658863	FDSN	RO	--	BUD	iLoc	BHZ	???	-
CSKK	1.87	250.6	Pn	15:39:51.184	2.5	T__				---			14658864	FDSN	HU	--	BUD	iLoc	SHZ	???	-
CJR	2.27	124.0	Pn	15:39:54.627	-0.2	T__	32.1	1.2		---	MLv	3.9	14658865	FDSN	RO	--	BUD	iLoc	BHN	BHZ	-
CJR	2.27	124.0	Pg	15:39:54.761	-6.0	---				---			14658866	FDSN	IR	--	ISC	iLoc	???	???	-
CJR	2.27	124.0	Sn	15:40:23.663	-0.4	T__				---			14658867	FDSN	RO	--	BUD	iLoc	BHE	???	-
CJR	2.27	124.0	Lg	15:40:24.046	-11.5	---				---			14658868	FDSN	IR	--	ISC	iLoc	???	???	-
(Station ML : 3.9 0																					
JAVC	2.28	292.9	Pn	15:39:53.900	-0.8	T__				---			14658869	FDSN	IR	--	ISC	iLoc	???	???	-
JAVC	2.28	292.9	Pg	15:39:54.000	-7.5	---				---			14658870	FDSN	IR	--	ISC	iLoc	???	???	-
JAVC	2.28	292.9	Sn	15:40:28.300	3.9	T__		42.6	1.12	---			14658871	FDSN	IR	--	ISC	iLoc	???	???	-
TIH	2.30	242.1	Pg	15:39:59.941	-2.3	T__				---			14658872	FDSN	HU	--	BUD	iLoc	SHZ	???	-
OJC	2.31	342.9	Pg	15:39:59.600	-1.4	T__				---			14658873	FDSN	IR	--	ISC	iLoc	???	???	-
OJC	2.31	342.9	Lg	15:40:29.300	-4.7	T__				---			14658874	FDSN	IR	--	ISC	iLoc	???	???	-
MORH	2.35	220.8	Pn	15:39:55.932	0.6	T__	7.2	0.1		---	MLv	2.9	14658875	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	-

MORH	2.35	220.8	Sn	15:40:22.072	2.8	T__						14658876	FDSN	HU	--	BUD	iLoc	BHE	???	_	
MORH	2.35	220.8	Pg	15:39:54.929	-8.5	---						14658877	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.9 1																					
MPLH	2.40	250.6	Pn	15:39:56.957	0.9	T__	7.8	0.2		---	MLv	3.1	14658878	FDSN	HU	--	BUD	iLoc	BHN	BHZ	_
(Station ML : 3.1 1																					
MODS	2.42	279.8	Pn	15:39:57.800	1.2	T__				---		14658879	FDSN	IR	--	ISC	iLoc	???	???	_	
MODS	2.42	279.8	Sn	15:40:29.000	1.7	T__				---		14658880	FDSN	IR	--	ISC	iLoc	???	???	_	
MODS	2.42	279.8	Lg	15:40:47.100	9.3	---				---		14658881	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	2.46	167.5	Pn	15:39:57.639	0.9	T__				---		14658882	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	2.46	167.5	Sn	15:40:29.245	1.9	T__				---		14658883	FDSN	IR	--	ISC	iLoc	???	???	_	
EGYH	2.46	257.2	Pn	15:39:55.612	-1.3	T__	4.6	0.3		---	MLv	3.4	14658884	FDSN	HU	--	BUD	iLoc	SHN	SHZ	_
(Station ML : 3.4 1																					
BZS	2.46	167.1	Pg	15:39:56.684	-8.2	---	6.1	0.1		---	MLv	2.9	14658885	FDSN	RO	--	BUD	iLoc	BHE	BHZ	_
BZS	2.46	167.1	Lg	15:40:25.874	-14.3	---				---		14658886	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.9 1																					
ZST	2.52	275.5	Pn	15:39:59.200	1.3	T__				---		14658887	FDSN	IR	--	ISC	iLoc	???	???	_	
ZST	2.52	275.5	Sn	15:40:30.200	0.7	T__				---		14658888	FDSN	IR	--	ISC	iLoc	???	???	_	
ZST	2.52	275.5	Lg	15:40:39.800	-1.0	T__				---		14658889	FDSN	IR	--	ISC	iLoc	???	???	_	
ARCR	2.54	110.2	Pn	15:39:58.327	-0.3	T__	11.3	0.5		---	MLv	3.6	14658890	FDSN	RO	--	BUD	iLoc	BHE	BHZ	_
ARCR	2.54	110.2	Sn	15:40:28.879	-1.8	T__				---		14658891	FDSN	RO	--	BUD	iLoc	BHE	???	_	
ARCR	2.54	110.2	Lg	15:40:29.758	-13.9	---				---		14658892	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 3.6 0																					
DEV	2.55	146.0	Pn	15:39:58.153	0.0	T__	10.3	0.3		---	MLv	3.4	14658893	FDSN	RO	--	BUD	iLoc	BHN	BHZ	_
DEV	2.55	146.0	Pn	15:39:58.855	0.7	T__				---		14658894	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 3.4 1																					
OKC	2.55	316.6	Pn	15:39:57.840	-0.3	T__	2.7	0.1		---	MLv	2.9	14658895	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.9 0																					
BANR	2.64	175.8	Sn	15:40:32.903	1.2	T__				---		14658896	FDSN	IR	--	ISC	iLoc	???	???	_	
KOVH	2.70	225.4	Pn	15:39:59.945	-0.4	T__	3.6	0.1		---	MLv	3.0	14658897	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	2.70	225.4	Sn	15:40:30.382	-3.2	T__				---		14658898	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 3.0 1																					
MORC	2.81	310.1	Pn	15:40:02.250	0.4	T__				---		14658899	FDSN	IR	--	ISC	iLoc	???	???	_	
MORC	2.81	310.1	Sn	15:40:35.300	-2.7	T__			20.5	0.96	---		14658900	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	2.81	310.1	Lg	15:40:35.400	-13.2	---				---		14658901	FDSN	IR	--	ISC	iLoc	???	???	_	
SOP	2.92	265.1	Pn	15:40:01.484	-1.8	T__	2.3	0.1		---	MLv	3.0	14658902	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	2.92	265.1	Pg	15:40:19.945	6.0	---				---		14658903	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
(Station ML : 3.0 1																					
GZR	2.94	152.6	Pn	15:40:04.269	0.5	T__	9.3	0.1		---	MLv	3.2	14658904	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	2.94	152.6	Pg	15:40:04.503	-9.1	---				---		14658905	FDSN	RO	--	BUD	iLoc	BHZ	???	_	
GZR	2.94	152.6	Pb	15:40:04.609	-9.0	---				---		14658906	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	2.94	152.6	Sn	15:40:37.809	-2.2	T__				---		14658907	FDSN	RO	--	BUD	iLoc	BHE	???	_	
GZR	2.94	152.6	Lg	15:40:40.571	-15.6	---				---		14658908	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 3.2 1																					
FRGS	2.95	194.6	Pn	15:40:04.984	1.2	T__				---		14658909	FDSN	IR	--	ISC	iLoc	???	???	_	
BURAR	2.96	96.2	Pn	15:40:04.128	-0.7	T__				---		14658910	FDSN	IR	--	ISC	iLoc	???	???	_	
BURAR	2.96	96.2	Sn	15:40:41.667	-0.1	T__				---		14658911	FDSN	IR	--	ISC	iLoc	???	???	_	
MDB	3.05	126.6	Pn	15:40:06.073	0.5	T__				---		14658912	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	3.11	296.2	Pn	15:40:05.300	-0.6	T__				---		14658913	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	3.11	296.2	Pg	15:40:05.552	-10.8	---				---		14658915	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	3.11	296.2	Sn	15:40:42.600	-1.7	T__			6.8	0.78	---	14658916	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	3.11	296.2	Lg	15:40:42.700	-15.5	---				---		14658917	FDSN	IR	--	ISC	iLoc	???	???	_	
KRUC	3.15	291.1	Pn	15:40:05.800	-0.6	T__				---		14658918	FDSN	IR	--	ISC	iLoc	???	???	_	
KRUC	3.15	291.1	Pg	15:40:05.900	-11.4	---				---		14658919	FDSN	IR	--	ISC	iLoc	???	???	_	

KRUC	3.15	291.1	Sn	15:40:43.600	-1.3	T__	5.8	0.76	---	14658920	FDSN	IR	--	ISC	iLoc	??? ???	-		
LOT	3.26	141.0	Pn	15:40:09.071	0.5	T__			---	14658921	FDSN	IR	--	ISC	iLoc	??? ???	-		
LOT	3.26	141.0	Pg	15:40:08.475	-10.9	---	10.5	0.3	---	MLv	3.8	14658922	FDSN	RO	--	BUD	iLoc	BHZ BHZ	-
LOT	3.26	141.0	Pb	15:40:08.937	-10.5	---	10.5	0.3	---	MLv	3.8	14658923	FDSN	RO	--	BUD	iLoc	BHZ BHZ	-
(Station ML : 3.8 0																			
MDVR	3.29	169.3	Pn	15:40:08.735	-0.1	T__			---	14658924	FDSN	IR	--	ISC	iLoc	??? ???	-		
HERR	3.31	160.5	Pn	15:40:09.379	0.3	T__			---	14658925	FDSN	IR	--	ISC	iLoc	??? ???	-		
CONA	3.36	270.4	Pn	15:40:10.133	0.5	T__	0.5	0.12	---	14658926	FDSN	IR	--	ISC	iLoc	??? ???	-		
KRLC	3.38	309.1	Pn	15:40:10.500	0.7	T__			---	14658927	FDSN	IR	--	ISC	iLoc	??? ???	-		
KOGS	3.51	245.2	Pg	15:40:26.461	1.2	T__			---	14658928	FDSN	SL	--	BUD	iLoc	BHZ ???	-		
ARSA	3.69	260.0	Pn	15:40:14.950	0.9	T__	1.9	0.30	---	14658929	FDSN	IR	--	ISC	iLoc	??? ???	-		
ARSA	3.69	260.0	Sn	15:40:58.447	0.8	T__	3.3	0.50	---	14658930	FDSN	IR	--	ISC	iLoc	??? ???	-		
ARR	3.71	134.2	Pn	15:40:15.326	0.2	T__			---	14658931	FDSN	IR	--	ISC	iLoc	??? ???	-		
ARR	3.71	134.2	Sn	15:40:59.952	0.0	T__			---	14658932	FDSN	IR	--	ISC	iLoc	??? ???	-		
BIZ	3.72	104.9	Pn	15:40:14.756	-0.5	T__			---	14658933	FDSN	IR	--	ISC	iLoc	??? ???	-		
SRE	3.73	153.3	Pn	15:40:15.611	0.6	T__			---	14658934	FDSN	IR	--	ISC	iLoc	??? ???	-		
DPC	3.78	309.8	Pn	15:40:17.000	1.6	T__			---	14658935	FDSN	IR	--	ISC	iLoc	??? ???	-		
DPC	3.78	309.8	Lg	15:41:20.600	2.5	T__	7.4	0.80	---	14658936	FDSN	IR	--	ISC	iLoc	??? ???	-		
VOIR	3.87	130.3	Pn	15:40:17.415	-0.0	T__			---	14658937	FDSN	IR	--	ISC	iLoc	??? ???	-		
OSTC	3.96	311.7	Pn	15:40:18.400	0.6	T__			---	14658938	FDSN	IR	--	ISC	iLoc	??? ???	-		
UPC	4.04	310.0	Pg	15:40:31.700	0.4	T__			---	14658939	FDSN	IR	--	ISC	iLoc	??? ???	-		
UPC	4.04	310.0	Lg	15:41:28.800	3.3	T__			---	14658940	FDSN	IR	--	ISC	iLoc	??? ???	-		
CHVC	4.06	311.1	Pg	15:40:32.900	1.1	T__			---	14658941	FDSN	IR	--	ISC	iLoc	??? ???	-		
SOKA	4.18	253.5	Pn	15:40:21.961	1.0	T__	0.4	0.22	---	14658942	FDSN	IR	--	ISC	iLoc	??? ???	-		
MLR	4.31	124.0	Pn	15:40:23.757	-0.3	T__			---	14658943	FDSN	IR	--	ISC	iLoc	??? ???	-		
BOVS	4.42	172.0	Pn	15:40:25.271	0.9	T__			---	14658944	FDSN	IR	--	ISC	iLoc	??? ???	-		
CKRC	4.44	282.9	Pn	15:40:24.300	-0.1	T__			---	14658945	FDSN	IR	--	ISC	iLoc	??? ???	-		
MOA	4.44	270.3	Pn	15:40:25.188	0.7	T__	0.2	0.18	---	14658946	FDSN	IR	--	ISC	iLoc	??? ???	-		
PLOR	4.52	116.5	Pn	15:40:26.530	-0.3	T__			---	14658947	FDSN	IR	--	ISC	iLoc	??? ???	-		
OBKA	4.55	253.0	Pn	15:40:27.997	1.8	T__	1.1	0.45	---	14658948	FDSN	IR	--	ISC	iLoc	??? ???	-		
VRI	4.56	116.0	Pn	15:40:27.303	0.0	T__			---	14658949	FDSN	IR	--	ISC	iLoc	??? ???	-		
KHC	4.96	285.7	Pn	15:40:31.300	-0.3	T__			---	14658950	FDSN	IR	--	ISC	iLoc	??? ???	-		
KHC	4.96	285.7	Pg	15:40:47.000	-4.4	T__			---	14658951	FDSN	IR	--	ISC	iLoc	??? ???	-		
KHC	4.96	285.7	Sn	15:41:26.600	-2.8	T__			---	14658952	FDSN	IR	--	ISC	iLoc	??? ???	-		
KHC	4.96	285.7	Lg	15:41:56.000	-0.6	T__			---	14658953	FDSN	IR	--	ISC	iLoc	??? ???	-		
KIJV	5.07	219.4	Pn	15:40:35.070	0.9	T__			---	14658954	FDSN	IR	--	ISC	iLoc	??? ???	-		
KIJV	5.07	219.4	Sn	15:41:30.620	-2.0	T__			---	14658955	FDSN	IR	--	ISC	iLoc	??? ???	-		
KBA	5.17	262.3	Pn	15:40:36.423	1.2	T__	1.5	0.38	---	14658956	FDSN	IR	--	ISC	iLoc	??? ???	-		
NVLJ	5.40	232.4	Pn	15:40:39.660	1.2	T__			---	14658957	FDSN	IR	--	ISC	iLoc	??? ???	-		
NVLJ	5.40	232.4	Sn	15:41:39.460	-0.3	T__			---	14658958	FDSN	IR	--	ISC	iLoc	??? ???	-		
MORI	5.49	222.8	Pn	15:40:40.670	0.5	T__			---	14658959	FDSN	IR	--	ISC	iLoc	??? ???	-		
MORI	5.49	222.8	Sn	15:41:42.500	-0.5	T__			---	14658960	FDSN	IR	--	ISC	iLoc	??? ???	-		
ZIRJ	5.68	221.8	Pn	15:40:42.830	-0.2	T__			---	14658961	FDSN	IR	--	ISC	iLoc	??? ???	-		
ZIRJ	5.68	221.8	Sn	15:41:45.740	-2.2	T__			---	14658962	FDSN	IR	--	ISC	iLoc	??? ???	-		
DUGI	5.70	227.2	Pn	15:40:44.500	1.3	T__			---	14658963	FDSN	IR	--	ISC	iLoc	??? ???	-		
DUGI	5.70	227.2	Sn	15:41:46.920	-1.4	T__			---	14658964	FDSN	IR	--	ISC	iLoc	??? ???	-		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2015/03/30	09:36:26.12	1.33	1.08	48.5369	19.3671	6.1	4.4	19	0.0S		10	5	113	0.36	1.17	m	kx	BUD	14658635	iLoc		169	
Magnitude	Err	Nsta	Author	OrigID																			

ML 1.8 0.7 4 BUD 14658635

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.36	263.3	Pg	09:36:34.090	0.7					T__	3.0	0.0		___	MLv	1.0	14658637	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.36	263.3	Lg	09:36:37.571	-1.2					T__				___		14658638	FDSN	SK	--	BUD	iLoc	HHN	???		
(Station ML : 1.0 1																									
LANS	0.62	6.1	Pg	09:36:39.312	1.0					T__	7.1	0.1		___	MLv	1.8	14658639	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.62	6.1	Lg	09:36:45.630	-1.8					T__				___		14658640	FDSN	SK	--	BUD	iLoc	EHN	???		
(Station ML : 1.8 1																									
PSZ	0.71	150.1	Pg	09:36:41.826	0.6					T__	2.1	0.1		___	MLv	1.9	14658641	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.71	150.1	Lg	09:36:51.561	-0.9					T__				___		14658642	FDSN	GE	--	BUD	iLoc	BHN	???		
(Station ML : 1.9 1																									
KECS	0.75	93.7	Pg	09:36:41.439	0.5					T__	12.0	1.5		___	MLv	3.1	14658643	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.75	93.7	Lg	09:36:51.883	-0.3					T__				___		14658644	FDSN	SK	--	BUD	iLoc	EHN	???		
(Station ML : 3.1 1																									
JAVC	1.17	286.6	Pg	09:36:50.014	0.6					T__				___		14658645	FDSN	CZ	--	BUD	iLoc	BHZ	???		
JAVC	1.17	286.6	Lg	09:37:06.067	-0.2					T__				___		14658646	FDSN	CZ	--	BUD	iLoc	BHN	???		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/04/01	00:34:33.48	1.46	0.96	48.0321	20.8499	6.4	4.6	38	3.8F	11.2	16	9	74	0.65	1.82	m	ke BUD	14659061	iLoc			126

Magnitude Err Nsta Author OrigID
ML 1.9 0.3 6 BUD 14659061

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.65	260.3	Pg	00:34:47.018	-0.2					T__	1.6	0.1		___	MLv	1.7	14659063	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.65	260.3	Lg	00:34:56.362	-1.1					T__				___		14659064	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.7 1																									
BSZH	0.83	208.5	Pg	00:34:51.531	0.4					T__	1.4	0.1		___	MLv	1.8	14659065	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	0.83	208.5	Sn	00:35:04.485	-0.2					T__				___		14659066	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.8 1																									
LTVH	0.96	132.0	Pn	00:34:53.400	0.5					T__	2.0	0.1		___	MLv	2.2	14659067	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
LTVH	0.96	132.0	Lg	00:35:08.740	0.3					T__				___		14659068	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 2.2 1																									
KOLS	1.31	45.9	Pn	00:34:58.586	0.5					T__	1.1	0.1		___	MLv	2.4	14659069	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	1.31	45.9	Sn	00:35:16.545	-0.9					T__				___		14659070	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.4 0																									
VYHS	1.42	289.7	Pn	00:35:00.492	1.2					T__	2.3	0.0		___	MLv	1.6	14659071	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.42	289.7	Sn	00:35:19.833	0.3					T__				___		14659072	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.6 0																									
NIE	1.43	345.8	Sn	00:35:19.898	-0.5					T__				___		14659073	FDSN	PL	--	BUD	iLoc	BHN	???	_	
LANS	1.45	321.2	Pg	00:35:01.648	-0.1					T__	4.0	0.1		___	MLv	2.0	14659074	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	1.45	321.2	Sn	00:35:19.958	-0.6					T__				___		14659075	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.0 1																									
DRGR	1.77	133.8	Pn	00:35:04.227	-0.3					T__				___		14659076	FDSN	RO	--	BUD	iLoc	BHZ	???	_	
DRGR	1.77	133.8	Sn	00:35:26.280	-2.0					T__				___		14659077	FDSN	RO	--	BUD	iLoc	BHN	???	_	
BMR	1.82	100.4	Sn	00:35:31.047	1.3					T__				___		14659078	FDSN	RO	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/04/01	09:25:51.14	1.34	0.61	47.3571	18.3596	7.6	6.1	105	0.0S		9	5	154	0.07	1.28	m	kx BUD	14659862	iLoc			255

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	4 BUD	14659862

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.07	275.2	Pg	09:25:53.525	0.4					T__	71.1	2.8		___	MLv	1.9	14659864	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.07	275.2	Lg	09:25:54.417	-0.5					T__				___		14659865	FDSN	HU	--	BUD	iLoc	SHE	???	_	
(Station ML : 1.9 1																									
MPLH	0.59	251.8	Pg	09:26:03.969	0.7					T__	1.3	0.1		___	MLv	1.6	14659866	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.59	251.8	Lg	09:26:11.598	-0.7					T__				___		14659867	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.6 1																									
MORH	1.16	170.2	Pg	09:26:14.671	0.5					T__	1.4	0.1		___	MLv	1.9	14659868	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.16	170.2	Sn	09:26:30.402	-0.7					T__				___		14659869	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.9 1																									
VYHS	1.18	15.6	Pg	09:26:15.058	0.2					T__	2.1	0.0		___	MLv	1.5	14659870	FDSN	SK	--	BUD	iLoc	HHN	HHZ	_
VYHS	1.18	15.6	Sn	09:26:31.885	0.2					T__				___		14659871	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.5 1																									
KOVH	1.28	188.1	Sn	09:26:34.614	0.2					T__				___		14659872	FDSN	HU	--	BUD	iLoc	BHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/04/01	14:39:22.52	1.32	1.17	47.4869	18.7190	25.0	4.6	161	7.0F	12.1	8	4	172	0.21	0.90	m	ke BUD	14659890	iLoc			201

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	4 BUD	14659890

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BUD	0.21	90.8	Pg	14:39:27.373	0.2					T__	3.2	0.2		___	MLv	1.1	14659892	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BUD	0.21	90.8	Lg	14:39:30.130	-0.7					T__				___		14659893	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.1 1																									
CSKK	0.34	248.5	Pg	14:39:29.089	-0.4					T__	4.3	0.2		___	MLv	1.5	14659894	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.34	248.5	Lg	14:39:34.601	-0.2					T__				___		14659895	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 1.5 1																									
MPLH	0.86	248.9	Pn	14:39:40.477	0.6					T__	1.4	0.1		___	MLv	1.9	14659896	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.86	248.9	Sn	14:39:53.597	0.1					T__				___		14659897	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.9 1																									
PSZ	0.90	61.0	Pg	14:39:42.250	0.8					T__	1.7	0.1		___	MLv	1.9	14659898	FDSN	GE	--	BUD	iLoc	BHN	BHZ	_
PSZ	0.90	61.0	Lg	14:39:52.662	-1.9					T__				___		14659899	FDSN	GE	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/04/02	17:10:19.90	0.78	1.67	46.3017	16.8541	4.5	3.1	99	8.0F	0.0	16		18	1.31	2.35	a	ke VIE	14531004	ISC			360
2015/04/02	17:10:20.14	1.29	0.88	46.2340	16.8110	5.1	4.0	11	3.4F	10.6	24	12	77	0.44	2.38	m	ke BUD	14659917	iLoc			148

Magnitude	Err	Nsta	Author	OrigID
mb	1.5		VIE	14531004
ml	1.9		VIE	14531004
ML	2.0	0.1	7 BUD	14659917

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOGS	0.44	299.1	Pg	17:10:28.617	-0.4					T__	3.6	0.3		___	MLv	2.0	14659919	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.44	299.1	Lg	17:10:36.097	0.5					T__				___		14659920	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.0 1																									
KOVH	0.91	98.8	Pn	17:10:39.190	0.3					T__	6.0	0.2		___	MLv	2.2	14659921	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.91	98.8	Lg	17:10:50.925	-1.0					T__				___		14659922	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.2 1																									
CRES	1.03	247.1	Pg	17:10:40.093	-0.0					T__	1.8	0.0		___	MLv	1.7	14659923	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.03	247.1	Lg	17:10:54.213	-1.1					T__				___		14659924	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.7 0																									
MPLH	1.06	27.9	Pg	17:10:41.640	0.5					T__	2.8	0.1		___	MLv	2.0	14659925	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.0 1																									
EGYH	1.24	16.6	Pn	17:10:42.865	-0.6					T__	2.0	0.1		___	MLv	2.3	14659926	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	1.24	16.6	Lg	17:11:01.691	-0.5					T__				___		14659927	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 2.3 0																									
MORH	1.27	90.2	Pn	17:10:44.219	0.3					T__	2.0	0.0		___	MLv	1.8	14659928	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.27	90.2	Lg	17:11:03.045	-0.5					T__				___		14659929	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1																									
SOKA	1.31	290.5	Pn	17:10:44.695	0.2					T__				___		14659930	FDSN	IR	--	ISC	iLoc	???	???	_	
SOKA	1.31	290.5	Lg	17:11:03.703	-0.1					T__				___		14659931	FDSN	IR	--	ISC	iLoc	???	???	_	
ARSA	1.35	319.4	Pg	17:10:47.184	0.9					T__	2.0	0.1		___	MLv	2.0	14659932	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	1.35	319.4	Sn	17:11:02.787	-1.3					T__				___		14659933	FDSN	OE	--	BUD	iLoc	BHN	???	_	
ARSA	1.35	319.4	Pb	17:10:45.892	-0.4					T__		0.6	0.15	___		14659934	FDSN	IR	--	ISC	iLoc	???	???	_	
ARSA	1.35	319.4	Lg	17:11:03.011	-2.2					T__		2.1	0.23	___		14659935	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.0 1																									
BLY	1.47	169.6	Pn	17:10:47.120	0.2					T__				___		14659936	FDSN	MN	--	BUD	iLoc	BHZ	???	_	
BLY	1.47	169.6	Sn	17:11:08.332	1.0					T__				___		14659937	FDSN	MN	--	BUD	iLoc	BHN	???	_	
OBKA	1.59	280.8	Lg	17:11:13.411	0.7					T__		3.4	0.28	___		14659938	FDSN	IR	--	ISC	iLoc	???	???	_	
CONA	1.81	339.4	Pg	17:10:56.714	0.9					T__		0.5	0.16	___		14659939	FDSN	IR	--	ISC	iLoc	???	???	_	
CONA	1.81	339.4	Lg	17:11:21.830	1.0					T__		2.9	0.42	___		14659940	FDSN	IR	--	ISC	iLoc	???	???	_	
MOA	2.38	313.8	Pn	17:10:59.972	0.6					T__		0.9	0.32	___		14659941	FDSN	IR	--	ISC	iLoc	???	???	_	
MOA	2.38	313.8	Sn	17:11:30.258	0.6					T__		0.7	0.15	___		14659942	FDSN	IR	--	ISC	iLoc	???	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/04/08	09:25:39.05	1.15	1.28	48.8838	20.4830	5.3	4.6	85	0.0S		12	7	99	0.40	1.41	m	kx	BUD	14659979	iLoc		191

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.3	5 BUD	14659979

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.40	179.8	Pg	09:25:47.809	0.7					T__	19.1	2.3		___	MLv	2.8	14659981	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.40	179.8	Lg	09:25:53.547	0.3					T__				___		14659982	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.8 0																									
NIE	0.55	348.3	Lg	09:25:55.803	-1.5					T__				___		14659983	FDSN	PL	--	BUD	iLoc	BHN	???	_	
CRVS	0.65	88.0	Pg	09:25:52.169	0.8					T__	2.2	0.0		___	MLv	1.3	14659984	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.65	88.0	Lg	09:25:59.994	-1.9					T__				___		14659985	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.3 0																									
LANS	0.72	292.2	Lg	09:26:04.391	0.6					T__				___		14659986	FDSN	SK	--	BUD	iLoc	EHN	???	_	
PSZ	1.04	202.3	Pn	09:26:00.767	0.5					T__	2.0	0.1		___	MLv	2.2	14659987	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.04	202.3	Lg	09:26:14.113	-2.0					T__				___		14659988	FDSN	GE	--	BUD	iLoc	BHN	???	_	

```

(Station ML : 2.2 1
VYHS 1.16 250.9 Pg 09:26:02.233 0.1 T__ 1.2 0.0 ___ MLv 1.6 14659989 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.16 250.9 Lg 09:26:17.272 -1.6 T__ ___ 14659990 FDSN SK -- BUD iLoc HHN ??? _
(Station ML : 1.6 1
OJC 1.41 341.8 Pg 09:26:07.126 0.2 T__ 1.6 0.1 ___ MLv 2.4 14659991 FDSN PL -- BUD iLoc BHZ BHZ _
OJC 1.41 341.8 Lg 09:26:26.919 0.2 T__ ___ 14659992 FDSN PL -- BUD iLoc BHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2015/04/09 08:48:56.11f 99.99 0.70 46.0547 18.3300 14.3 6.4 167 0.0S 4 2 228 0.16 0.27 m kx BUD 14660167 iLoc 360
2015/04/09 08:48:55.39f 0.19 46.1765 18.2926f 0.0S 4 204 0.16 0.25 a kx BUD_GT 14759341 BUD 360

```

(GT info : GT2 explosion)

(locality : Komló II.)

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.16 236.7 Pg 08:48:59.008 -0.2 T__ 0.2 ___ MLv 14759388 FDSN HU -- BUD BUD BHZ BHZ _
KOVH 0.16 236.7 Lg 08:49:02.232 -0.1 T__ ___ 14759389 FDSN HU -- BUD BUD BHN ??? _
MORH 0.25 80.7 Pg 08:49:01.200 0.3 T__ 0.1 ___ MLv 14759390 FDSN HU -- BUD BUD BHZ BHZ _
MORH 0.25 80.7 Lg 08:49:05.262 0.0 T__ ___ 14759391 FDSN HU -- BUD BUD BHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2015/04/09 11:09:21.04 3.23 0.22 46.1195 18.0515 24.9 11.6 114 0.0S 4 2 303 0.05 0.42 m kx BUD 14660175 iLoc 360
2015/04/09 11:09:20.61f 0.16 46.1204 18.0243f 0.0S 4 315 0.06 0.44 a kx BUD_GT 14759233 BUD 360

```

(locality : Bükkösd I.)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.06 121.4 Pg 11:09:22.702 0.2 T__ 0.8 ___ MLv 14759394 FDSN HU -- BUD BUD BHZ BHZ _
KOVH 0.06 121.4 Lg 11:09:23.943 -0.2 T__ ___ 14759395 FDSN HU -- BUD BUD BHN ??? _
MORH 0.44 77.3 Pg 11:09:29.906 0.0 T__ 0.0 ___ MLv 14759396 FDSN HU -- BUD BUD BHZ BHZ _
MORH 0.44 77.3 Lg 11:09:36.998 -0.1 T__ ___ 14759397 FDSN HU -- BUD BUD BHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2015/04/14 09:56:58.70 1.19 1.99 48.6486 20.7142 9.8 4.8 140 0.0S 9 5 154 0.22 1.26 m kx BUD 14660794 iLoc 275

```

Magnitude Err Nsta Author OrigID

ML 1.8 0.7 4 BUD 14660794

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KECS 0.22 222.6 Pg 09:57:06.618 3.2 T__ 88.5 11.0 ___ MLv 3.0 14660796 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.22 222.6 Lg 09:57:08.101 1.1 T__ ___ 14660797 FDSN SK -- BUD iLoc EHZ ??? _
(Station ML : 3.0 1
CRVS 0.56 62.5 Pg 09:57:10.679 1.3 T__ 1.8 0.0 ___ MLv 1.0 14660798 FDSN SK -- BUD iLoc HHZ HHZ _

```

CRVS	0.56	62.5	Lg	09:57:17.513	-1.1	T__										14660799	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML	:	1.0	1																					
PSZ	0.91	217.1	Pg	09:57:16.901	-1.0	T__	2.4	0.1								14660800	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.91	217.1	Lg	09:57:29.408	-2.6	T__										14660801	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML	:	1.9	1																					
LANS	0.96	301.9	Pn	09:57:18.545	-0.2	T__	3.6	0.1								14660802	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.96	301.9	Lg	09:57:31.181	-0.6	T__										14660803	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML	:	1.7	1																					
VYHS	1.26	263.6	Sn	09:57:40.722	-1.0	T__										14660804	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/04/15	12:41:32.92	1.49	0.80	47.1139	18.0093	9.0	5.5	124	0.0S		6	3	166	0.23	0.33	m	kx	BUD	14661819	iLoc		281

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	4 BUD	14661819

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
TIH	0.23	201.3	Pg	12:41:37.722	-0.3					T__	4.6	0.9				14661821	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
TIH	0.23	201.3	Lg	12:41:42.712	0.6					T__						14661822	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML	:	1.9	1																					
CSKK	0.30	34.4	Pg	12:41:39.328	-0.2					T__	4.6	0.1				14661823	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.30	34.4	Lg	12:41:44.969	0.3					T__						14661824	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML	:	1.1	1																					
MPLH	0.33	280.1	Pg	12:41:40.521	0.5					T__	2.5	0.1				14661825	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.33	280.1	Lg	12:41:44.389	-1.0					T__						14661826	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML	:	1.1	1																					
MORH	1.00	153.8	Pg	12:41:38.715	-14.2					---	1.6	0.0				14661827	FDSN	HU	--	BUD	iLoc	BHN	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/04/18	01:19:05.37	1.19	0.65	47.2721	18.2672	10.7	8.0	126	9.6F	9.4	7	4	148	0.09	1.28	m	ke	BUD	14662590	iLoc		241

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	3 BUD	14662590

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
CSKK	0.09	357.1	Pg	01:19:08.255	0.1					T__	80.8	0.9				14662592	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.09	357.1	Lg	01:19:09.835	-0.5					T__						14662593	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML	:	1.5	1																					
MPLH	0.51	258.7	Pg	01:19:15.379	-0.3					T__	2.4	0.0				14662594	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.51	258.7	Lg	01:19:23.502	0.2					T__						14662595	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML	:	1.4	1																					
MORH	1.09	166.1	Pn	01:19:26.081	0.6					T__	1.1	0.0				14662596	FDSN	HU	--	BUD	iLoc	BHN	BHZ	_
MORH	1.09	166.1	Lg	01:19:41.425	-0.7					T__						14662597	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML	:	1.5	1																					
VYHS	1.28	17.2	Sn	01:19:45.616	-0.3					T__						14662598	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/04/21	19:25:21.16	1.57	0.56	47.1718	17.7800	10.4	7.2	41	18.0F	12.4	7	5	110	0.16	1.13	m	ke BUD	14662908	iLoc			198

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.5	4 BUD	14662908

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MPLH	0.16	269.5	Pg	19:25:26.319	0.5					T__	7.1	0.1			MLv	0.8	14662910	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.16	269.5	Lg	19:25:29.035	-0.3					T__							14662911	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 0.8 1																									
TIH	0.28	164.8	Pg	19:25:27.874	0.1					T__	11.8	0.6			MLv	1.9	14662912	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
TIH	0.28	164.8	Lg	19:25:32.161	-0.4					T__							14662913	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 1.9 1																									
CSKK	0.38	59.5	Lg	19:25:35.256	-0.2					T__							14662914	FDSN	HU	--	BUD	iLoc	SHN	???	_
EGYH	0.39	308.9	Lg	19:25:34.998	-0.7					T__							14662915	FDSN	HU	--	BUD	iLoc	SHN	???	_
MORH	1.13	147.8	Pn	19:25:41.018	-0.0						1.2	0.0			MLv	1.4	14662916	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.13	147.8	Sn	19:25:56.684	0.1					T__							14662917	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.4 1																									
KOGS	1.28	236.0	Pn	19:25:42.477	-0.9						2.3	0.1			MLv	2.0	14662918	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.28	236.0	Sn	19:25:57.982	-2.7												14662919	FDSN	SL	--	BUD	iLoc	BHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/04/29	10:46:25.05	3.38	0.10	46.1124	18.1101	38.8	5.0	130	0.0S		4	2	237	0.03	0.39	m	kx BUD	14663961	iLoc			360
2015/04/29	10:46:23.86f		0.43	46.1204	18.0243f				0.0S		4		315	0.06	0.44	a	kx BUD_GT	14759235	BUD			360
(GT info : GT2 explosion)																						
(locality : Bükkösd I.)																						

Magnitude	Err	Nsta	Author	OrigID
-----------	-----	------	--------	--------

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOVH	0.06	121.4	Pg	10:46:26.134	0.4					T__		0.8			MLv	14759400	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_	
KOVH	0.06	121.4	Lg	10:46:27.424	-0.0					T__							14759401	FDSN	HU	--	BUD	BUD	BHZ	???	_
MORH	0.44	77.3	Pg	10:46:33.290	0.1					T__		0.0			MLv	14759402	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_	
MORH	0.44	77.3	Lg	10:46:39.544	-0.8					T__							14759403	FDSN	HU	--	BUD	BUD	BHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/05/04	09:10:09.08	2.91	0.65	48.2769	20.0344	32.9	9.6	61	0.0S		4	2	269	0.37	0.83	m	kx BUD	14664293	iLoc			360

Magnitude	Err	Nsta	Author	OrigID
-----------	-----	------	--------	--------

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.37	194.7	Pb	09:10:18.739	0.2					T__	3.3	0.1			MLv	1.2	14664295	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.37	194.7	Sb	09:10:24.380	-0.6					T__							14664296	FDSN	GE	--	BUD	iLoc	BHN	???	_
VYHS	0.83	285.7	Pn	09:10:27.926	-0.1					T__	1.2	0.0			MLv	1.0	14664297	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.83	285.7	Sg	09:10:35.952	0.3					T__							14664298	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/05/05	09:30:34.64	1.19	0.76	48.5270	19.3634	5.6	5.1	24	0.0S		10	5	115	0.35	1.09	m	kx BUD	14664301	iLoc			216

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	5 BUD	14664301

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.35	264.8	Pg	09:30:42.004	0.2					T__	7.9	0.1		___	MLv	1.1	14664303	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.35	264.8	Lg	09:30:46.962	-0.2					T__				___		14664304	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.1 0																									
LANS	0.63	6.3	Pg	09:30:47.091	0.1					T__	5.3	0.1		___	MLv	1.7	14664305	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.63	6.3	Lg	09:30:54.763	-1.5					T__				___		14664306	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 1.7 1																									
PSZ	0.70	149.6	Pg	09:30:49.541	-0.1					T__	2.5	0.1		___	MLv	1.7	14664307	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.70	149.6	Lg	09:30:59.792	-0.9					T__				___		14664308	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.7 1																									
KECS	0.75	92.9	Pg	09:30:49.928	0.4					T__	12.3	1.4		___	MLv	3.1	14664309	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.75	92.9	Lg	09:31:00.308	-0.4					T__				___		14664310	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 3.1 0																									
NIE	1.09	34.7	Pn	09:30:57.036	0.6					T__	2.3	0.0		___	MLv	1.6	14664311	FDSN	PL	--	BUD	iLoc	BHN	BHZ	_
NIE	1.09	34.7	Lg	09:31:10.623	-0.2					T__				___		14664312	FDSN	PL	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/05/06	11:41:00.67	1.19	0.53	48.3554	19.8436	5.7	5.6	68	0.0S		9	5	106	0.44	1.11	m	kx BUD	14664786	iLoc			208

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.5	4 BUD	14664786

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.44	175.5	Pg	11:41:10.307	0.0					T__	7.9	0.2		_d	MLv	1.8	14664788	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.44	175.5	Lg	11:41:17.657	0.2					T__				___		14664789	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1																									
KECS	0.45	73.1	Pg	11:41:09.921	0.2					T__	8.9	1.2		___	MLv	2.6	14664790	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.45	73.1	Lg	11:41:16.497	-0.1					T__				___		14664791	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.6 1																									
VYHS	0.69	282.1	Pg	11:41:15.143	0.7					T__	3.0	0.0		___	MLv	1.2	14664792	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	282.1	Lg	11:41:23.653	-1.0					T__				___		14664793	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.2 1																									
LANS	0.83	342.8	Lg	11:41:29.391	0.1					T__				___		14664794	FDSN	SK	--	BUD	iLoc	EHN	???	_	
NIE	1.11	16.1	Pn	11:41:22.557	-0.2					T__	2.2	0.0		___	MLv	1.7	14664795	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.11	16.1	Lg	11:41:37.191	-0.3					T__				___		14664796	FDSN	PL	--	BUD	iLoc	BHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/05/07	09:22:08.42	1.47	1.53	48.5490	20.7721	11.6	4.9	144	0.0S		7	4	171	0.20	1.05	m	kx BUD	14665369	iLoc			277

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	1.1	3 BUD	14665369

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.20	251.0	Pg	09:22:13.587	0.9					T__	81.5	10.9		---	MLv	2.9	14665371	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.20	251.0	Lg	09:22:17.068	1.1					T__				---		14665372	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.9 1																									
CRVS	0.58	52.0	Pg	09:22:20.163	0.7					T__	2.3	0.0		---	MLv	1.1	14665373	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.58	52.0	Lg	09:22:28.447	-0.6					T__				---		14665374	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.1 1																									
PSZ	0.86	223.2	Pg	09:22:26.803	0.2					T__	0.7	0.1		---	MLv	1.9	14665375	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.86	223.2	Lg	09:22:38.085	-1.9					T__				---		14665376	FDSN	GE	--	BUD	iLoc	BHZ	???	_	
(Station ML : 1.9 1																									
LANS	1.05	305.4	Lg	09:22:42.792	-1.6					T__				---		14665377	FDSN	SK	--	BUD	iLoc	EHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2015/05/07	12:37:25.10	1.42	0.45	47.0949	17.9939	7.0	5.2	107	0.0S		8	5	118	0.21	1.01	m	kx	BUD	14665391	iLoc			228

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	5 BUD	14665391

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
TIH	0.21	200.5	Pg	12:37:29.473	-0.4					T__		1.0		---	ML	1.9	14665393	FDSN	HU	--	BUD	iLoc	SHZ	SH	_
TIH	0.21	200.5	Pg							---		0.7		---	MLv	1.8	14665393	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
TIH	0.21	200.5	Lg	12:37:33.459	-0.1					T__				---		14665394	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 1.9 0																									
MPLH	0.32	283.8	Pg	12:37:32.556	0.5					T__	3.8	0.1		---	MLv	1.1	14665395	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.32	283.8	Pg							---		0.2		---	ML	1.4	14665395	FDSN	HU	--	BUD	iLoc	BHZ	BH	_
MPLH	0.32	283.8	Lg	12:37:36.779	-0.5					T__				---		14665396	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.4 1																									
CSKK	0.32	34.0	Pg	12:37:32.073	-0.0					T__		0.1		---	ML	1.3	14665397	FDSN	HU	--	BUD	iLoc	SHZ	SH	_
CSKK	0.32	34.0	Pg							---		0.1		---	MLv	1.2	14665397	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.32	34.0	Lg	12:37:37.359	-0.2					T__				---		14665398	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 1.3 0																									
MORH	0.99	152.8	Pg	12:37:45.247	0.4					T__		0.0		---	ML	1.4	14665399	FDSN	HU	--	BUD	iLoc	BHZ	BH	_
MORH	0.99	152.8	Pg							---		0.0		---	MLv	1.5	14665399	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.5 1																									
KOVH	1.01	175.8	Pg	12:37:45.859	0.3					T__		0.0		---	ML	1.6	14665400	FDSN	HU	--	BUD	iLoc	BHZ	BH	_
KOVH	1.01	175.8	Pg							---		0.0		---	MLv	1.6	14665400	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2015/05/08	08:57:27.66	1.52	0.31	46.2112	18.2659	9.3	5.6	151	0.0S		5	3	134	0.17	0.74	m	kx	BUD	14666103	iLoc			250
2015/05/08	08:57:27.73f		0.40	46.1765	18.2926f				0.0S		5		155	0.16	0.78	a	kx	BUD_GT	14759237	BUD			258

(GT info : GT2 explosion)
(locality : Komló II.)

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.4	3 BUD	14666103
ML	0.8	0.4	3 BUD	14759237

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
-----	------	------	-------	------	------	------	-------	------	------	-----	-----	-----	-----	------	-----------	-------	-----	--------	----	------	-----	-----	-----	---

KOVH	0.16	236.7	Pg	08:57:31.739	0.2	T__	0.1	---	MLv	14759406	FDSN	HU	--	BUD	BUD	BHN	BHZ	_
KOVH	0.16	236.7	Lg	08:57:34.786	0.1	T__		---		14759407	FDSN	HU	--	BUD	BUD	BHN	???	_
MORH	0.25	80.7	Pg	08:57:33.689	0.4	T__	0.0	---	MLv	14759408	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MORH	0.25	80.7	Lg	08:57:37.685	0.1	T__		---		14759409	FDSN	HU	--	BUD	BUD	BHN	???	_
TIH	0.78	339.0	Pg	08:57:42.853	-0.8	T__	0.4	---	MLv	14759410	FDSN	HU	--	BUD	BUD	SHE	SHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/05/09	08:51:23.85f	99.99	0.67	46.1782	18.2863	23.4	5.4	158	0.0S		4	2	205	0.16	0.25	m	kx	BUD	14666393	iLoc		360
2015/05/09	08:51:22.73f		0.11	46.1765	18.2926f				0.0S		4		204	0.16	0.25	a	kx	BUD_GT	14759239	BUD		360
(GT info : GT2 explosion)																						
(locality : Komló II.)																						

Magnitude	Err	Nsta	Author	OrigID
MLv	0.9	0.3	2 BUD	14759239

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KOVH	0.16	236.7	Pg	08:51:26.550	-0.0					T__		0.2		---	MLv	14759413	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	0.16	236.7	Lg	08:51:29.553	-0.1					T__				---		14759414	FDSN	HU	--	BUD	BUD	BHN	???	_
MORH	0.25	80.7	Pg	08:51:28.392	0.2					T__		0.0		---	MLv	14759415	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MORH	0.25	80.7	Lg	08:51:32.499	-0.1					T__				---		14759416	FDSN	HU	--	BUD	BUD	BHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/05/11	05:00:27.20		1.81	47.9800	22.9700				2.0A				6	4.76	6.56	a	ke	CSEM	14539216	ISC		360
2015/05/11	05:00:28.78	0.91	0.49	48.0773	22.4945	16.6	10.3	30	0.0A		7	145	3.51	21.56	a	ke	IDC	14539219	ISC		360	
2015/05/11	05:00:24.60	0.00		47.7400	22.9100				0.0A		11					a	ke	PRU	14539214	ISC		360
2015/05/11	05:00:26.74	0.98	2.18	47.9524	22.9341	3.8	2.9	55	0.4F	2.0	73	46	47	0.32	21.68	m	ke	BUD	14666401	iLoc		94

Magnitude	Err	Nsta	Author	OrigID
ml	3.2		CSEM	14539216
ML	2.8		IDC	14539219
mb	3.5		IDC	14539219
mb1	3.5		IDC	14539219
mb1mx	3.2		IDC	14539219
mbtmp	3.3		IDC	14539219
ML	3.2	0.2	16 BUD	14666401

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
TRPA	0.32	304.0	Pg	05:00:33.319	0.1					T__	112.5	4.0		_d	MLv	2.8	14666403	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	0.32	304.0	Lg	05:00:38.095	-0.9					T__				---		14666404	FDSN	HU	--	BUD	iLoc	BHN	???	_	
TRPA	0.32	304.1	Sg	05:00:37.879	-1.1					T__				---		14666405	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.8 0																									
CEI	0.42	230.3	Pg	05:00:35.568	0.3					T__				---		14666406	FDSN	IR	--	ISC	iLoc	???	???	_	
CEI	0.42	230.3	Lg	05:00:41.919	-0.7					T__				---		14666407	FDSN	IR	--	ISC	iLoc	???	???	_	
BMR	0.47	126.2	Pg	05:00:36.322	0.3					T__				---		14666408	FDSN	IR	--	ISC	iLoc	???	???	_	
BMR	0.47	126.2	Lg	05:00:42.942	-0.7					T__				---		14666409	FDSN	IR	--	ISC	iLoc	???	???	_	
BMR	0.47	126.2	Pb	05:00:36.027	0.0					T__	47.6	3.8		---	MLv	3.2	14666410	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BMR	0.47	126.2	Sg	05:00:41.995	-1.7					T__				---		14666411	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 3.2 1																									

LTVH	0.90	231.3	Pg	05:00:45.025	0.1	T__	21.0	2.4	---	MLv	3.4	14666412	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
LTVH	0.90	231.3	Lg	05:00:57.532	-2.3	T__			---			14666413	FDSN	HU	--	BUD	iLoc	SHN	???	_
LTVH	0.90	231.3	Sg	05:00:58.319	-1.5	T__			---			14666414	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 3.4 1																				
DRGR	1.17	187.5	Pg	05:00:48.727	-1.2	T__	43.6	1.0	---	MLv	3.1	14666415	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	1.17	187.5	Sn	05:01:03.464	-5.1	T__			---			14666416	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Station ML : 3.1 1																				
ARCR	1.30	131.5	Pg	05:00:51.414	-0.4	T__			---			14666417	FDSN	IR	--	ISC	iLoc	???	???	_
ARCR	1.30	131.5	Pb	05:00:51.564	-0.2	T__	39.0	2.5	---	MLv	3.6	14666418	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
ARCR	1.30	131.5	Lg	05:01:09.616	-1.3	T__			---			14666419	FDSN	RO	--	BUD	iLoc	BHN	???	_
ARCR	1.30	131.5	Sg	05:01:09.774	-1.2	T__			---			14666420	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 3.6 1																				
CJR	1.32	159.7	Pn	05:00:52.016	-0.3	T__	46.6	3.0	---	MLv	3.7	14666421	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
CJR	1.32	159.7	Pg	05:00:52.372	-0.1	T__			---			14666422	FDSN	IR	--	ISC	iLoc	???	???	_
CJR	1.32	159.7	Sn	05:01:08.778	-3.7	T__			---			14666423	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Station ML : 3.7 0																				
CRVS	1.37	314.6	Pn	05:00:54.079	1.2	T__	24.2	0.3	---	MLv	2.7	14666424	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	1.37	314.6	Sn	05:01:13.332	-0.3	T__			---			14666425	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 2.7 0																				
BURAR	1.56	100.6	Pn	05:00:56.045	-0.0	T__			---			14666426	FDSN	RO	--	BUD	iLoc	BHZ	???	_
BURAR	1.56	100.6	Lg	05:01:18.227	-1.2	T__			---			14666427	FDSN	RO	--	BUD	iLoc	BHE	???	_
BURAR	1.58	101.5	Pg	05:00:55.728	-1.6	T__			---			14666428	FDSN	IR	--	ISC	iLoc	???	???	_
KWP	1.69	355.0	Pn	05:00:57.237	-0.4	T__			---			14666429	FDSN	PL	--	BUD	iLoc	BHZ	???	_
KWP	1.69	355.0	Sn	05:01:18.807	-3.3	T__			---			14666430	FDSN	PL	--	BUD	iLoc	BHE	???	_
KECS	1.72	288.9	Pn	05:00:55.916	-1.7	T__	32.1	4.0	---	MLv	4.1	14666431	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.72	288.9	Sn	05:01:21.869	0.2	T__			---			14666432	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 4.1 0																				
SIRR	1.90	207.8	Pn	05:01:01.994	1.9	T__			---			14666433	FDSN	IR	--	ISC	iLoc	???	???	_
SIRR	1.90	207.7	Pg	05:01:02.653	-1.3	T__	7.3	0.4	---	MLv	3.1	14666434	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	1.90	207.7	Sn	05:01:25.255	-0.8	T__			---			14666435	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Station ML : 3.1 1																				
BSZH	1.92	251.1	Pg	05:01:04.114	-0.8	T__	3.2	0.3	---	MLv	3.0	14666436	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 3.0 1																				
PSZ	2.04	270.2	Pn	05:01:00.240	-2.1	T__	12.0	0.5	---	MLv	3.4	14666437	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	2.04	270.2	Sn	05:01:35.699	5.6	T__			---			14666438	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML : 3.4 1																				
MDB	2.06	150.8	Pn	05:01:02.874	0.2	T__			---			14666439	FDSN	IR	--	ISC	iLoc	???	???	_
DEV	2.07	180.7	Pn	05:01:05.038	2.7	T__	4.7	0.5	---	MLv	3.3	14666440	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.3 1																				
AMBH	2.20	224.0	Pn	05:01:04.108	-0.2	T__	4.0	0.8	---	MLv	3.6	14666441	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
AMBH	2.20	224.0	Sn	05:01:39.051	5.9	T__			---			14666442	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 3.6 0																				
NIE	2.27	311.2	Pg	05:01:08.459	-0.8	T__	6.4	0.1	---	MLv	2.9	14666443	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	2.28	311.0	Pb	05:01:08.990	-0.4	T__			---			14666444	FDSN	IR	--	ISC	iLoc	???	???	_
NIE	2.28	311.0	Sn	05:01:40.140	3.7	T__			---			14666445	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.9 0																				
BIZ	2.38	114.1	Pn	05:01:07.001	-0.3	T__			---			14666446	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	2.50	201.3	Pn	05:01:09.395	1.0	T__	8.1	0.1	---	MLv	3.0	14666447	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.0 1																				
GZR	2.56	182.5	Pn	05:01:10.193	0.7	T__			---			14666448	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	2.56	182.5	Pg	05:01:13.649	-2.1	T__			---			14666449	FDSN	RO	--	BUD	iLoc	BHZ	???	_
LOT	2.57	166.8	Pn	05:01:10.198	0.3	T__			---			14666450	FDSN	IR	--	ISC	iLoc	???	???	_
DOPR	2.60	138.8	Pn	05:01:11.299	0.9	T__			---			14666451	FDSN	IR	--	ISC	iLoc	???	???	_

ARR	2.84	155.0	Pn	05:01:13.419	-0.3	T__									14666452	FDSN	IR	--	ISC	iLoc	??? ???	-
VOIR	2.91	149.2	Pn	05:01:15.635	0.8	T__									14666453	FDSN	IR	--	ISC	iLoc	??? ???	-
HERR	3.09	186.8	Pn	05:01:18.239	1.3	T__									14666454	FDSN	IR	--	ISC	iLoc	??? ???	-
MLR	3.22	138.8	Pg	05:01:25.595	-3.2	T__	8.4	0.4	0.33						14666455	FDSN	IR	--	ISC	iLoc	??? ???	-
MLR	3.22	138.8	Sn	05:02:06.345	6.0	T__	3.1	1.2	0.33						14666456	FDSN	IR	--	ISC	iLoc	??? ???	-
MDVR	3.28	195.4	Pn	05:01:20.449	0.7	T__									14666457	FDSN	IR	--	ISC	iLoc	??? ???	-
MORH	3.41	240.9	Pg	05:01:30.004	-3.4	T__	4.5	0.1			MLv	3.3			14666458	FDSN	HU	--	BUD	iLoc	BHZ BHZ	-
(Station ML : 3.3 1																						
JAVC	3.62	286.5	Pn	05:01:23.200	-1.3	T__									14666459	FDSN	IR	--	ISC	iLoc	??? ???	-
KOVH	3.80	242.4	Pg	05:01:37.117	-4.0	---									14666460	FDSN	HU	--	BUD	iLoc	BHZ ???	-
MORC	4.00	299.2	Pn	05:01:27.500	-2.0	T__									14666461	FDSN	IR	--	ISC	iLoc	??? ???	-
VRAC	4.42	290.2	Pn	05:01:32.920	-2.3	T__	3.6	0.5	0.33						14666462	FDSN	IR	--	ISC	iLoc	??? ???	-
KRLC	4.57	300.0	Pn	05:01:36.200	-1.2	T__									14666463	FDSN	IR	--	ISC	iLoc	??? ???	-
CONA	4.75	272.3	Pn	05:01:37.268	-3.0	T__		0.8	0.24						14666464	FDSN	IR	--	ISC	iLoc	??? ???	-
AKASG	4.95	53.9	Pg	05:01:57.900	-0.1	T__	7.8	3.7	0.33						14666465	FDSN	IR	--	ISC	iLoc	??? ???	-
AKASG	4.95	53.9	Lg	05:02:58.125	-10.7	---	8.3	5.6	0.33						14666466	FDSN	IR	--	ISC	iLoc	??? ???	-
DPC	4.96	301.4	Pn	05:01:41.400	-1.4	T__									14666467	FDSN	IR	--	ISC	iLoc	??? ???	-
ARSA	5.06	264.8	Pn	05:01:41.959	-2.3	T__		2.8	0.47						14666468	FDSN	IR	--	ISC	iLoc	??? ???	-
OSTC	5.11	303.1	Pn	05:01:43.600	-1.2	T__									14666469	FDSN	IR	--	ISC	iLoc	??? ???	-
MOA	5.83	272.2	Pn	05:01:54.555	-0.5	T__		0.6	0.32						14666470	FDSN	IR	--	ISC	iLoc	??? ???	-
GERES	6.21	281.7	Pn	05:01:58.050	-2.4	T__	11.1	0.4	0.33						14666471	FDSN	IR	--	ISC	iLoc	??? ???	-
KHC	6.32	284.2	Pn	05:02:00.200	-1.5	T__									14666472	FDSN	IR	--	ISC	iLoc	??? ???	-
KHC	6.32	284.2	x	05:03:32.000	-99.0	---									14666473	FDSN	IR	--	ISC	iLoc	??? ???	-
BRG	6.55	299.8	Lg	05:04:02.700	4.7	T__									14666474	FDSN	IR	--	ISC	iLoc	??? ???	-
BRG	6.55	299.8	x	05:04:13.800	-99.0	---		4.9	1.02						14666475	FDSN	IR	--	ISC	iLoc	??? ???	-
KBA	6.55	265.9	Pn	05:02:03.626	-1.9	T__		0.9	0.45						14666476	FDSN	IR	--	ISC	iLoc	??? ???	-
FINES	13.64	6.4	Pn	05:03:36.992	-0.7	T__	1.2	0.1	0.33						14666477	FDSN	IR	--	ISC	iLoc	??? ???	-
LEF	14.81	146.3	P	05:04:07.912	4.4	T__									14666478	FDSN	IR	--	ISC	iLoc	??? ???	-
ARCES	21.68	2.4	P	05:05:18.750	0.1	T__	4.0	2.1	0.96						14666479	FDSN	IR	--	ISC	iLoc	??? ???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/05/11	11:35:07.99	3.53	0.21	47.5231	18.3109	29.0	10.1	27	13.6F	15.1	8	5	268	0.16	1.44	m	ke BUD	14666558	iLoc			293

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	5 BUD	14666558

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.16	192.1	Pg	11:35:12.457	0.2					T__	12.6	0.3		---	MLv	1.3	14666560	FDSN	HU	--	BUD	iLoc	SHN	SHZ	-
CSKK	0.16	192.1	Pg							---		0.4		---	ML	1.3	14666560	FDSN	HU	--	BUD	iLoc	SHN	SH	-
CSKK	0.16	192.1	Lg	11:35:15.223	-0.3					T__				---		14666561	FDSN	HU	--	BUD	iLoc	SHN	???	-	
(Station ML : 1.3 0																									
MPLH	0.63	236.3	Pn	11:35:21.237	-0.2					T__	1.7	0.1		---	MLv	1.6	14666562	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	-
MPLH	0.63	236.3	Pn							---		0.1		---	ML	2.0	14666562	FDSN	HU	--	BUD	iLoc	BHZ	BH	-
MPLH	0.63	236.3	Lg	11:35:30.049	0.2					T__				---		14666563	FDSN	HU	--	BUD	iLoc	BHN	???	-	
(Station ML : 2.0 1																									
EGYH	0.67	261.2	Pn	11:35:21.953	-0.1					T__	1.8	0.2		---	MLv	2.1	14666564	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	-
EGYH	0.67	261.2	Pn							---		0.2		---	ML	2.1	14666564	FDSN	HU	--	BUD	iLoc	SHZ	SH	-
EGYH	0.67	261.2	Lg	11:35:31.111	-0.0					T__				---		14666565	FDSN	HU	--	BUD	iLoc	SHE	???	-	
(Station ML : 2.1 0																									
MORH	1.33	170.0	Pn	11:35:31.004	-0.1					T__		0.0		---	ML	1.8	14666566	FDSN	HU	--	BUD	iLoc	BHZ	BH	-
MORH	1.33	170.0	Pn							---		0.0		---	MLv	1.9	14666566	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	-

```

(Station ML : 1.9 1
KOVH 1.44 185.8 Pn 11:35:32.853 0.0 T__ 0.1 ___ ML 2.0 14666567 FDSN HU -- BUD iLoc BHZ BH _
KOVH 1.44 185.8 Pn --- 0.1 ___ MLv 2.0 14666567 FDSN HU -- BUD iLoc BHZ BHZ _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2015/05/13 06:17:21.07 1.68 3.66 47.9486 19.6158 13.3 6.0 33 5.0A 8 5 217 0.19 1.54 m kx BUD 14666617 iLoc 269
2015/05/13 06:17:21.80f 6.12 47.8987 20.0893f 0.0S 6 254 0.13 1.53 a kx BUD_GT 14759343 BUD 281
(locality : Recsk Csákyko)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.0 3 BUD 14666617
ML 1.9 0.0 3 BUD 14759343

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.13 278.6 Pg 06:17:26.296 1.1 T__ 1.2 ___ MLv 14759419 FDSN GE -- BUD BUD BHZ BHZ _
PSZ 0.13 278.6 Lg 06:17:28.612 0.6 T__ ___ 14759420 FDSN GE -- BUD BUD BHZ ??? _
KECS 0.64 24.2 Lg 06:17:46.491 2.0 T__ ___ 14759423 FDSN SK -- BUD BUD EHZ ??? _
VYHS 1.03 305.9 Pg 06:17:38.903 -3.5 T__ 0.0 ___ MLv 14759421 FDSN SK -- BUD BUD HHZ HHZ _
VYHS 1.03 305.9 Lg 06:17:45.720 -11.9 ___ 14759422 FDSN SK -- BUD BUD HHN ??? _
LANS 1.32 342.0 Pn 06:17:46.108 -0.7 T__ 0.1 ___ MLv 14759424 FDSN SK -- BUD BUD EHZ EHZ _
LANS 1.32 342.0 Sn 06:17:55.434 -11.1 ___ 14759425 FDSN SK -- BUD BUD EHN ??? _
NIE 1.53 5.5 Lg 06:18:16.916 4.3 T__ ___ 14759426 FDSN PL -- BUD BUD BHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2015/05/19 10:04:27.84 4.84 0.00 45.6026 17.5712 86.6 30.0 122 15.0A 4 2 346 0.61 0.97 m ke BUD 14668007 iLoc 360

```

```

Magnitude Err Nsta Author OrigID

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.61 37.1 Pg 10:04:40.415 0.0 T__ 1.6 0.0 ___ MLv 1.4 14668009 FDSN HU -- BUD iLoc BHZ BHZ _
KOVH 0.61 37.1 Lg 10:04:49.420 -0.0 T__ ___ 14668010 FDSN HU -- BUD iLoc BHN ??? _
MORH 0.97 50.3 Pn 10:04:45.946 -0.0 T__ 2.3 0.0 ___ MLv 1.6 14668011 FDSN HU -- BUD iLoc BHN BHZ _
MORH 0.97 50.3 Sn 10:05:00.097 0.0 T__ ___ 14668012 FDSN HU -- BUD iLoc BHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2015/05/22 08:42:14.68 1.30 0.46 47.0985 17.9556 7.6 5.5 106 9.6F 11.5 9 5 113 0.20 1.02 m ke BUD 14668015 iLoc 227

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.3 4 BUD 14668015

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
TIH 0.20 193.2 Pg 08:42:18.934 -0.4 T__ 3.2 0.7 ___ MLv 1.7 14668017 FDSN HU -- BUD iLoc SHZ SHZ _
TIH 0.20 193.2 Lg 08:42:23.497 0.7 T__ ___ 14668018 FDSN HU -- BUD iLoc SHN ??? _
(Station ML : 1.7 1
MPLH 0.29 284.3 Pg 08:42:21.206 0.3 T__ 4.8 0.1 ___ MLv 1.1 14668019 FDSN HU -- BUD iLoc BHZ BHZ _

```

MPLH	0.29	284.3	Lg	08:42:25.131	-0.5	T__									14668020	FDSN	HU	--	BUD	iLoc	BHR	???	_
(Station ML : 1.1 1																							
CSKK	0.34	38.0	Pg	08:42:21.954	0.2	T__	11.3	0.1					MLv	1.3	14668021	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.34	38.0	Lg	08:42:26.906	-0.2	T__									14668022	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 1.3 1																							
MORH	1.00	151.5	Pg	08:42:34.425	-0.1	T__	2.3	0.0					MLv	1.6	14668023	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.00	151.5	Sn	08:42:48.328	-0.2	T__									14668024	FDSN	HU	--	BUD	iLoc	BHT	???	_
(Station ML : 1.6 1																							
KOVH	1.02	174.3	Lg	08:42:49.572	0.3	T__									14668025	FDSN	HU	--	BUD	iLoc	BHT	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/05/22	12:35:36.33	1.58	0.47	48.3363	19.8611	8.6	6.6	34	0.0S		5	3	146	0.42	0.70	m	kx	BUD	14668043	iLoc		253

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.8	3 BUD	14668043

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.42	176.9	Pg	12:35:45.881	0.4					T__	4.8	0.1			MLv	1.5	14668045	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.42	176.9	Lg	12:35:51.928	-0.5					T__						14668046	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.5 1																									
KECS	0.44	70.3	Pg	12:35:45.367	0.1					T__	5.1	0.6			MLv	2.3	14668047	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 2.3 1																									
VYHS	0.70	283.4	Pg	12:35:50.513	0.1					T__	1.4	0.0			MLv	1.0	14668048	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.70	283.4	Lg	12:36:00.759	-0.1					T__						14668049	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/05/24	14:30:53.71	1.22	1.24	47.4538	18.1716	6.8	4.7	107	10.0A		11	7	123	0.11	1.37	m	ke	BUD	14668260	iLoc		142

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	4 BUD	14668260

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.11	146.3	Pg	14:30:57.048	0.3					T__	16.6	0.7			MLv	1.4	14668262	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.11	146.3	Lg	14:30:59.167	-0.0					T__						14668263	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 1.4 1																									
SRO	0.37	14.9	Pg	14:31:02.175	0.7					T__	4.4	0.7			MLv	2.2	14668264	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SRO	0.37	14.9	Lg	14:31:07.385	0.2					T__						14668265	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.2 1																									
MPLH	0.52	236.8	Pg	14:31:04.940	0.7					T__	1.6	0.0			MLv	1.4	14668266	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.52	236.8	Lg	14:31:13.399	1.6					T__						14668267	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.4 1																									
EGYH	0.57	266.5	Lg	14:31:11.469	-2.2					T__						14668268	FDSN	HU	--	BUD	iLoc	SHE	???	_	
VYHS	1.13	23.0	Pg	14:31:16.036	-0.1					T__	2.0	0.0			MLv	1.3	14668269	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.13	23.0	Sn	14:31:30.249	-0.3					T__						14668270	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Station ML : 1.3 1																									
MORH	1.28	165.1	Lg	14:31:36.965	0.4					T__						14668271	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
KOVH	1.37	182.1	Lg	14:31:37.505	-2.0					T__						14668272	FDSN	HU	--	BUD	iLoc	BHT	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/05/27	12:18:39.64	1.30	0.63	47.0544	18.0371	9.6	6.1	89	7.4F	12.6	9	5	127	0.19	0.97	m	ke BUD	14668442	iLoc			224

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	4 BUD	14668442

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
TIH	0.19	213.6	Pg	12:18:44.164	0.4					T__	6.0	1.6		___	MLv	2.0	14668444	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
TIH	0.19	213.6	Lg	12:18:46.626	-0.4					T__				___		14668445	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 2.0 1																									
CSKK	0.34	26.2	Lg	12:18:52.239	0.0					T__				___		14668446	FDSN	HU	--	BUD	iLoc	SHN	???	_	
MPLH	0.36	289.0	Pg	12:18:46.503	-0.6					T__	6.1	0.1		___	MLv	1.3	14668447	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.36	289.0	Lg	12:18:53.213	0.6					T__				___		14668448	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.3 1																									
MORH	0.94	153.3	Pn	12:18:57.861	-0.1					T__	2.1	0.0		___	MLv	1.4	14668449	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.94	153.3	Sn	12:19:13.004	0.7					T__				___		14668450	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.4 1																									
KOVH	0.97	177.4	Pg	12:18:58.907	-0.2					T__	3.8	0.0		___	MLv	1.7	14668451	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.97	177.4	Lg	12:19:12.173	-0.7					T__				___		14668452	FDSN	HU	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/05/28	04:22:06.50	0.15	0.28	48.7270	22.0585	1.8	0.7	156	7.3F	1.4	12	207		0.25	3.14	a	ke IPEC	14542429	ISC			360
2015/05/28	04:22:07.15	0.98	1.59	48.7371	21.9307	5.4	3.0	40	7.7F	8.8	37	17	82	0.30	3.67	m	ke BUD	14668531	iLoc			148

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		IPEC	14542429
ML	2.5	0.4	11 BUD	14668531

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOLS	0.30	48.9	Pg	04:22:12.145	-1.0					T__	139.5	582.0		___	MLv	4.9	14668533	FDSN	SK	--	BUD	iLoc	HHN	HHZ	_
KOLS	0.30	48.9	Lg	04:22:15.297	-2.9					T__				___		14668534	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 4.9 0																									
CRVS	0.35	298.2	Pg	04:22:14.461	0.5					T__	45.3	0.3		___	MLv	1.7	14668535	FDSN	SK	--	BUD	iLoc	HHN	HHZ	_
CRVS	0.35	298.2	Lg	04:22:20.893	1.0					T__				___		14668536	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.7 0																									
TRPA	0.73	146.1	Pg	04:22:22.441	1.2					T__				___		14668537	FDSN	IR	--	ISC	iLoc	???	???	_	
TRPA	0.73	146.1	Lg	04:22:34.201	0.6					T__				___		14668538	FDSN	IR	--	ISC	iLoc	???	???	_	
TRPA	0.73	146.1	Pb	04:22:22.739	1.5					T__	17.1	0.4		___	MLv	2.5	14668539	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.5 1																									
STHS	0.82	326.7	Pg	04:22:23.016	0.8					T__	24.2	1.5		___	MLv	3.1	14668540	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
STHS	0.82	326.7	Lg	04:22:34.337	-0.2					T__				___		14668541	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 3.1 1																									
KECS	0.99	255.7	Pn	04:22:27.261	0.5					T__	10.7	1.2		___	MLv	3.1	14668542	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.99	255.7	Lg	04:22:41.734	0.4					T__				___		14668543	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 3.1 0																									
NIE	1.27	303.1	Pn	04:22:31.500	0.6					T__				___		14668544	FDSN	IR	--	ISC	iLoc	???	???	_	
NIE	1.27	303.1	Sn	04:22:49.980	0.2					T__				___		14668545	FDSN	IR	--	ISC	iLoc	???	???	_	
BMR	1.49	134.9	Pn	04:22:34.821	0.6					T__				___		14668546	FDSN	IR	--	ISC	iLoc	???	???	_	

BMR	1.49	134.9	Sn	04:22:56.799	1.3	T__											14668547	FDSN	IR	--	ISC	iLoc	??? ???	_				
BMR	1.49	134.9	Pg	04:22:35.752	0.3	T__	3.7	0.2									MLv	2.7	14668548	FDSN	RO	--	BUD	iLoc	BHZ BHZ	_		
BMR	1.49	134.9	Lg	04:22:56.335	-3.0	T__												14668549	FDSN	RO	--	BUD	iLoc	BHN ???	_			
(Station ML : 2.7 1																												
PSZ	1.59	239.7	Pn	04:22:35.721	0.4	T__												14668550	FDSN	IR	--	ISC	iLoc	??? ???	_			
PSZ	1.59	239.7	Sn	04:22:59.024	1.4	T__												14668551	FDSN	IR	--	ISC	iLoc	??? ???	_			
PSZ	1.59	239.7	Pg	04:22:35.945	-2.4	T__	2.4	0.0										MLv	2.1	14668552	FDSN	GE	--	BUD	iLoc	BHZ BHZ	_	
(Station ML : 2.1 1																												
DRGR	2.02	164.6	Pn	04:22:41.541	0.0	T__	2.3	0.0										MLv	2.3	14668553	FDSN	RO	--	BUD	iLoc	BHZ BHZ	_	
DRGR	2.02	164.6	Pg	04:22:43.279	-2.4	T__													14668554	FDSN	IR	--	ISC	iLoc	??? ???	_		
DRGR	2.02	164.6	Sn	04:23:10.976	2.9	T__													14668555	FDSN	IR	--	ISC	iLoc	??? ???	_		
(Station ML : 2.3 1																												
OJC	2.03	317.7	Pn	04:22:42.540	0.7	T__													14668556	FDSN	IR	--	ISC	iLoc	??? ???	_		
OJC	2.03	317.7	Sn	04:23:07.130	-2.7	T__													14668557	FDSN	IR	--	ISC	iLoc	??? ???	_		
VYHS	2.07	264.4	Pn	04:22:42.570	0.7	T__	1.6	0.0											MLv	1.8	14668558	FDSN	SK	--	BUD	iLoc	HHZ HHZ	_
VYHS	2.07	264.4	Sn	04:23:09.714	0.2	T__														14668559	FDSN	SK	--	BUD	iLoc	HHN ???	_	
(Station ML : 1.8 0																												
CJR	2.32	150.3	Pn	04:22:47.272	1.4	T__													14668560	FDSN	IR	--	ISC	iLoc	??? ???	_		
CJR	2.32	150.3	Pg	04:22:47.593	-3.5	T__	3.2	0.1											MLv	2.9	14668561	FDSN	RO	--	BUD	iLoc	BHZ BHZ	_
CJR	2.32	150.3	Sn	04:23:16.232	0.6	T__														14668562	FDSN	IR	--	ISC	iLoc	??? ???	_	
(Station ML : 2.9 1																												
BURAR	2.45	115.3	Pn	04:22:48.488	0.5	T__													14668563	FDSN	RO	--	BUD	iLoc	BHZ ???	_		
SIRR	2.48	184.4	Pn	04:22:48.795	1.1	T__													14668564	FDSN	IR	--	ISC	iLoc	??? ???	_		
SIRR	2.48	184.3	Pg	04:22:52.327	-2.8	T__	2.4	0.0											MLv	2.4	14668565	FDSN	RO	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 2.4 1																												
JAVC	2.82	274.1	Pn	04:22:53.100	0.5	T__													14668566	FDSN	IR	--	ISC	iLoc	??? ???	_		
JAVC	2.82	274.1	Pg	04:22:53.200	-7.8	---													14668567	FDSN	IR	--	ISC	iLoc	??? ???	_		
MORC	3.06	291.5	Pn	04:22:54.700	-1.0	T__													14668568	FDSN	IR	--	ISC	iLoc	??? ???	_		
MORC	3.06	291.5	Pg	04:22:56.100	-7.1	---													14668569	FDSN	IR	--	ISC	iLoc	??? ???	_		
MORC	3.06	291.5	Pb	04:22:56.200	-7.0	---													14668570	FDSN	IR	--	ISC	iLoc	??? ???	_		
MORC	3.06	291.5	Lg	04:23:45.200	-1.1	T__													14668571	FDSN	IR	--	ISC	iLoc	??? ???	_		
KRUC	3.67	277.2	Pn	04:23:03.800	-0.3	T__													14668572	FDSN	IR	--	ISC	iLoc	??? ???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/05/30	17:18:01.20	0.07	0.22	47.7341	16.1524	0.7	0.5	132	17.1F	0.7	23		121	0.28	2.24	a	ke IPEC	14542990	ISC			360
2015/05/30	17:18:01.60	0.00		47.7700	16.1500				0.0A		21					a	ke PRU	14542993	ISC			360
2015/05/30	17:18:01.18	0.12	0.68	47.7147	16.1568	1.5	0.9	155	13.6F	1.0	25		2	0.29	2.01	a	ke VIE	14542995	ISC			360
2015/05/30	17:18:00.75	0.83	1.31	47.7117	16.1770	3.7	3.3	31	11.0F	8.2	42	22	55	0.26	4.15	m	ke BUD	14668770	iLoc			77

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		IPEC	14542990
mb	1.6		VIE	14542995
ml	2.2		VIE	14542995
ML	1.9	0.0	4 BUD	14668770

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
SOP	0.26	96.1	Pg	17:18:07.105	0.7					T__	42.8				MLv	1.9	14668772	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
SOP	0.26	96.1	Lg	17:18:11.028	0.4					T__							14668773	FDSN	HU	--	BUD	iLoc	BHN ???	_
(Station ML : 1.9 1																								
CONA	0.30	315.7	Pg	17:18:07.404	0.1					T__	155.6	12.4	0.12				14668774	FDSN	IR	--	ISC	iLoc	??? ???	_
CONA	0.30	315.7	Lg	17:18:11.675	-0.6					T__		10.5	0.06				14668775	FDSN	IR	--	ISC	iLoc	??? ???	_

ARSA	0.64	224.1	Pg	17:18:13.579	0.2	T__	30.5	8.7	0.12	---	14668776	FDSN	IR	--	ISC	iLoc	??? ???	-		
ARSA	0.64	224.1	Lg	17:18:22.447	0.1	T__		6.7	0.12	---	14668777	FDSN	IR	--	ISC	iLoc	??? ???	-		
ARSA	0.64	224.1	Pb	17:18:13.379	0.0	T__	6.2	0.1		---	MLv	1.9	14668778	FDSN	OE	--	BUD	iLoc	BHZ BHZ	-
ARSA	0.64	224.1	Sg	17:18:21.505	-0.8	T__				---			14668779	FDSN	OE	--	BUD	iLoc	BHE ???	-
(Station ML : 1.9 1																				
ZST	0.79	51.7	Pn	17:18:16.241	-0.6	T__				---	14668780	FDSN	SK	--	BUD	iLoc	HHN ???	-		
EGYH	0.84	110.3	Pn	17:18:14.504	-3.0	T__	3.5	0.2		---	MLv	2.3	14668781	FDSN	HU	--	BUD	iLoc	SHN SHZ	-
EGYH	0.84	110.3	Lg	17:18:25.879	-3.1	T__				---			14668782	FDSN	HU	--	BUD	iLoc	SHE ???	-
(Station ML : 2.3 1																				
MPLH	1.07	119.9	Pg	17:18:22.792	0.9	T__	5.7	0.1		---	MLv	1.9	14668783	FDSN	HU	--	BUD	iLoc	BHZ BHZ	-
MPLH	1.07	119.9	Lg	17:18:38.551	2.0	T__				---			14668784	FDSN	HU	--	BUD	iLoc	BHN ???	-
(Station ML : 1.9 1																				
SOKA	1.30	217.5	Pg	17:18:25.062	-0.5	T__	10.7	2.0	0.18	---	14668785	FDSN	IR	--	ISC	iLoc	??? ???	-		
MOA	1.30	276.8	Pg	17:18:24.994	-0.8	T__	12.2	0.8	0.08	---	14668786	FDSN	IR	--	ISC	iLoc	??? ???	-		
MOA	1.30	276.8	Sn	17:18:42.318	0.2	T__		6.4	0.12	---	14668787	FDSN	IR	--	ISC	iLoc	??? ???	-		
BEHE	1.31	161.6	Pn	17:18:24.395	0.1	T__				---	14668788	FDSN	HU	--	BUD	iLoc	BHZ ???	-		
KRUC	1.36	6.1	Pn	17:18:25.400	0.8	T__				---	14668789	FDSN	IR	--	ISC	iLoc	??? ???	-		
KRUC	1.36	6.1	Pn	17:18:25.500	0.8	T__				---	14668790	FDSN	IR	--	ISC	iLoc	??? ???	-		
KRUC	1.36	6.1	Sn	17:18:42.800	-0.3	T__		6.2	0.11	---	14668791	FDSN	IR	--	ISC	iLoc	??? ???	-		
KRUC	1.36	6.1	Lg	17:18:42.900	-1.6	T__				---	14668792	FDSN	IR	--	ISC	iLoc	??? ???	-		
JAVC	1.52	40.4	Pn	17:18:28.900	1.7	T__				---	14668793	FDSN	IR	--	ISC	iLoc	??? ???	-		
VRAC	1.62	9.7	Pn	17:18:29.000	0.7	T__				---	14668794	FDSN	IR	--	ISC	iLoc	??? ???	-		
VRAC	1.62	9.7	Sn	17:18:49.500	0.0	T__		7.4	0.18	---	14668796	FDSN	IR	--	ISC	iLoc	??? ???	-		
OBKA	1.64	223.3	Pg	17:18:31.572	-0.4	T__				---	14668797	FDSN	OE	--	BUD	iLoc	BHZ ???	-		
CKRC	1.67	312.3	Pg	17:18:31.100	-1.1	T__				---	14668798	FDSN	IR	--	ISC	iLoc	??? ???	-		
CKRC	1.67	312.3	Sn	17:18:52.500	1.4	T__		9.6	0.30	---	14668799	FDSN	IR	--	ISC	iLoc	??? ???	-		
KBA	2.03	252.8	Pn	17:18:35.389	1.0	T__		0.4	0.35	---	14668800	FDSN	IR	--	ISC	iLoc	??? ???	-		
KBA	2.03	252.8	Sn	17:19:02.831	2.3	T__		6.6	0.60	---	14668801	FDSN	IR	--	ISC	iLoc	??? ???	-		
KOVH	2.09	140.2	Pn	17:18:34.719	-0.3	T__				---	14668802	FDSN	HU	--	BUD	iLoc	BHN ???	-		
KHC	2.24	310.3	Pn	17:18:39.300	2.5	T__				---	14668803	FDSN	IR	--	ISC	iLoc	??? ???	-		
KHC	2.24	310.3	Pg	17:18:42.200	-0.9	T__				---	14668804	FDSN	IR	--	ISC	iLoc	??? ???	-		
KHC	2.24	310.3	Lg	17:19:10.200	-2.1	T__		4.8	0.30	---	14668805	FDSN	IR	--	ISC	iLoc	??? ???	-		
MORC	2.26	23.1	Pn	17:18:37.800	0.5	T__				---	14668806	FDSN	IR	--	ISC	iLoc	??? ???	-		
MORC	2.26	23.1	Pn	17:18:37.800	0.5	T__		0.3	0.08	---	14668807	FDSN	IR	--	ISC	iLoc	??? ???	-		
MORC	2.26	23.1	Sn	17:19:05.500	0.3	T__		2.2	0.31	---	14668808	FDSN	IR	--	ISC	iLoc	??? ???	-		
MORC	2.26	23.1	Sn	17:19:05.600	0.3	T__				---	14668809	FDSN	IR	--	ISC	iLoc	??? ???	-		
PRU	2.52	335.2	Lg	17:19:19.500	-1.0	T__		4.6	0.30	---	14668810	FDSN	IR	--	ISC	iLoc	??? ???	-		
DPC	2.64	2.0	Lg	17:19:23.700	0.7	T__		2.9	0.40	---	14668811	FDSN	IR	--	ISC	iLoc	??? ???	-		
UPC	2.80	357.8	Lg	17:19:29.200	1.6	T__				---	14668812	FDSN	IR	--	ISC	iLoc	??? ???	-		
CLL	4.15	331.3	Lg	17:20:11.000	-2.3	T__		5.0	1.20	---	14668813	FDSN	IR	--	ISC	iLoc	??? ???	-		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/06/01	06:08:30.32	4.88	1.01	47.8501	20.0229	32.8	8.1	166	7.7F	12.3	7	4	282	0.11	1.35	m	kx BUD	14669399	iLoc			323
2015/06/01	06:08:30.51f		1.04	47.8987	20.0893f				0.0S		7		254	0.13	1.32	a	kx BUD_GT	14759241	BUD			296
(locality : Recsk Csákányko)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.6	3 BUD	14669399
ML	1.7	0.6	3 BUD	14759241

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
PSZ	0.13	278.6	Pg	06:08:33.251	-0.7					T__		1.2		---	MLv	14759429	FDSN	GE	--	BUD	BUD	BHN	BHZ	_
PSZ	0.13	278.6	Lg	06:08:36.160	-0.6					T__				---		14759430	FDSN	GE	--	BUD	BUD	BHN	???	_
KECS	0.64	24.2	Pg	06:08:44.682	1.3					T__		0.3		---	MLv	14759431	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.64	24.2	Lg	06:08:54.009	0.8					T__				---		14759432	FDSN	SK	--	BUD	BUD	EHE	???	_
VYHS	1.03	305.9	Pn	06:08:51.411	0.1					T__		0.0		---	MLv	14759433	FDSN	SK	--	BUD	BUD	HHN	HHZ	_
VYHS	1.03	305.9	Lg	06:09:04.215	-2.1					T__				---		14759434	FDSN	SK	--	BUD	BUD	HHN	???	_
LANs	1.32	342.0	Lg	06:09:16.422	0.1					T__				---		14759435	FDSN	SK	--	BUD	BUD	EHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/06/04	07:13:53.29	2.02	0.36	45.9564	19.1832	20.3	6.3	41	1.7F	19.4	8	5	134	0.46	1.75	m	ke BUD	14669421	iLoc			180

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	3 BUD	14669421

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MORH	0.46	304.9	Pg	07:14:02.639	0.1					T__	4.6	0.1		---	MLv	1.4	14669423	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.46	304.9	Lg	07:14:09.288	-0.2					T__				---		14669424	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.4 1																									
KOVH	0.77	280.3	Pn	07:14:09.703	-0.2					T__	3.4	0.1		---	MLv	1.7	14669425	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.77	280.3	Lg	07:14:20.615	0.3					T__				---		14669426	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.7 1																									
FRGS	0.94	150.6	Pn	07:14:11.951	-0.4					T__	3.3	0.1		---	MLv	1.9	14669427	FDSN	SJ	--	BUD	iLoc	HHZ	HHZ	_
FRGS	0.94	150.6	Lg	07:14:25.563	0.1					T__				---		14669428	FDSN	SJ	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.9 1																									
TIH	1.30	317.1	Sn	07:14:13.500	-22.4					---				---		14669429	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	1.75	100.2	Sn	07:14:47.082	0.5					T__				---		14669430	FDSN	RO	--	BUD	iLoc	BHT	???	_	
SIRR	1.75	79.0	Sn	07:14:47.046	-0.0					T__				---		14669431	FDSN	RO	--	BUD	iLoc	BHR	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2015/06/05	07:35:01.81	3.46	0.08	45.7999	18.4178	25.3	10.8	171	0.0S		4	2	301	0.36	0.44	m	kx BUD	14669445	iLoc			360		
2015/06/05	07:35:01.53f		0.40	45.8525	18.3977f				0.0S		4		293	0.31	0.40	a	kx BUD_GT	14759243	BUD			360		
(GT info : GT2 explosion)																								
(locality : Nagyarsány I.)																								

Magnitude	Err	Nsta	Author	OrigID
M	0.8		2 BUD	14759243

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KOVH	0.31	318.7	Pg	07:35:08.813	0.4					T__		0.1		---	MLv	14759438	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	0.31	318.7	Lg	07:35:13.461	-0.4					T__				---		14759439	FDSN	HU	--	BUD	BUD	BHN	???	_
MORH	0.40	25.2	Pg	07:35:10.321	0.2					T__		0.0		---	MLv	14759440	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MORH	0.40	25.2	Lg	07:35:16.169	-0.5					T__				---		14759441	FDSN	HU	--	BUD	BUD	BHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/06/06	22:22:30.00		0.50	46.1510	16.2320				10.6A								a ke LJU	14543491	ISC			360

2015/06/06 22:22:30.45	0.44	0.37	46.1964	16.1858	2.9	1.8	94	6.0F	0.0	16		13	1.15	1.17 a	ke VIE	14543494	ISC	360
2015/06/06 22:22:29.74	0.88	0.66	46.1463	16.2393	3.3	2.7	148	6.0F	6.2	60	31	50	0.12	2.31 m	ke BUD	14669453	iLoc	96

Magnitude	Err	Nsta	Author	OrigID
ML	1.3		LJU	14543491
mb	1.2		VIE	14543494
ml	1.7		VIE	14543494
ML	1.7	0.0	5 BUD	14669453

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
LOBO	0.12	274.3	Pg	22:22:32.570	-0.0					T__						14669455	FDSN	IR	--	ISC	iLoc	???	???	-	
LOBO	0.12	274.3	Lg	22:22:34.650	-0.1					T__						14669456	FDSN	IR	--	ISC	iLoc	???	???	-	
KALN	0.15	95.7	Pg	22:22:33.310	-0.1					T__						14669457	FDSN	IR	--	ISC	iLoc	???	???	-	
KALN	0.15	95.7	Lg	22:22:35.740	-0.5					T__						14669458	FDSN	IR	--	ISC	iLoc	???	???	-	
KOGS	0.30	1.4	x	22:22:42.970	-99.0					---		30.5	0.09			14669459	FDSN	IR	--	ISC	iLoc	???	???	-	
KOGS	0.30	1.4	Pg	22:22:36.555	0.6					T__	12.5	1.2			MLv	2.2	14669460	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	-
KOGS	0.30	1.4	Lg	22:22:41.049	0.4					T__						14669461	FDSN	SL	--	BUD	iLoc	BHE	???	-	
(Station ML : 2.2 0																									
PTJ	0.30	218.4	Lg	22:22:40.821	0.1					T__						14669462	FDSN	CR	--	BUD	iLoc	BHN	???	-	
PTJ	0.31	218.4	Pg	22:22:36.490	0.2					T__						14669463	FDSN	IR	--	ISC	iLoc	???	???	-	
PTJ	0.31	218.4	Sg	22:22:40.400	-1.0					T__						14669464	FDSN	IR	--	ISC	iLoc	???	???	-	
ZAG	0.36	208.9	Pg	22:22:37.630	0.5					T__						14669465	FDSN	IR	--	ISC	iLoc	???	???	-	
ZAG	0.36	208.9	Lg	22:22:43.280	0.5					T__						14669466	FDSN	IR	--	ISC	iLoc	???	???	-	
GOLS	0.45	252.6	Pg	22:22:39.260	0.5					T__						14669467	FDSN	IR	--	ISC	iLoc	???	???	-	
GOLS	0.45	252.6	Lg	22:22:45.340	-0.3					T__						14669468	FDSN	IR	--	ISC	iLoc	???	???	-	
GOLS	0.45	252.6	x	22:22:48.340	-99.0					---		14.4	0.13			14669469	FDSN	IR	--	ISC	iLoc	???	???	-	
BEHE	0.49	48.7	Pg	22:22:42.465	2.6					T__						14669470	FDSN	HU	--	BUD	iLoc	BHZ	???	-	
BEHE	0.49	48.7	Lg	22:22:47.112	-0.3					T__						14669471	FDSN	HU	--	BUD	iLoc	BHN	???	-	
GCIS	0.51	237.0	Lg	22:22:47.010	-0.6					T__						14669472	FDSN	IR	--	ISC	iLoc	???	???	-	
GCIS	0.51	237.0	x	22:22:49.780	-99.0					---		5.7	0.11			14669473	FDSN	IR	--	ISC	iLoc	???	???	-	
DOBS	0.54	270.6	Pg	22:22:40.480	0.3					T__						14669474	FDSN	IR	--	ISC	iLoc	???	???	-	
DOBS	0.54	270.6	Lg	22:22:48.130	-0.1					T__						14669475	FDSN	IR	--	ISC	iLoc	???	???	-	
DOBS	0.54	270.6	x	22:22:50.120	-99.0					---		11.2	0.08			14669476	FDSN	IR	--	ISC	iLoc	???	???	-	
CESS	0.57	252.5	Pg	22:22:41.200	0.4					T__						14669477	FDSN	IR	--	ISC	iLoc	???	???	-	
GROS	0.60	301.9	Pg	22:22:41.510	-0.0					T__						14669478	FDSN	IR	--	ISC	iLoc	???	???	-	
GROS	0.60	301.9	Lg	22:22:49.730	-0.6					T__						14669479	FDSN	IR	--	ISC	iLoc	???	???	-	
GROS	0.60	301.9	x	22:22:50.110	-99.0					---		10.0	0.07			14669480	FDSN	IR	--	ISC	iLoc	???	???	-	
CRES	0.63	239.9	Pg	22:22:42.834	0.7					T__	4.3	0.1			MLv	1.6	14669481	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	-
CRES	0.63	239.9	Lg	22:22:52.068	0.2					T__						14669482	FDSN	SL	--	BUD	iLoc	BHE	???	-	
CRES	0.63	239.9	Pb	22:22:42.390	0.3					T__						14669483	FDSN	IR	--	ISC	iLoc	???	???	-	
CRES	0.63	239.9	Sg	22:22:52.230	0.4					T__						14669484	FDSN	IR	--	ISC	iLoc	???	???	-	
CRES	0.63	239.9	x	22:22:55.440	-99.0					---		17.8	0.15			14669485	FDSN	IR	--	ISC	iLoc	???	???	-	
(Station ML : 1.6 0																									
MOSL	0.64	145.8	Pg	22:22:42.340	-0.4					T__						14669486	FDSN	IR	--	ISC	iLoc	???	???	-	
MOSL	0.64	145.8	Lg	22:22:51.310	-1.1					T__						14669487	FDSN	IR	--	ISC	iLoc	???	???	-	
LEGS	0.67	253.2	Pg	22:22:42.930	0.1					T__						14669488	FDSN	IR	--	ISC	iLoc	???	???	-	
LEGS	0.67	253.2	Lg	22:22:53.090	0.1					T__						14669489	FDSN	IR	--	ISC	iLoc	???	???	-	
OZLJ	0.76	225.7	Pg	22:22:44.370	0.0					T__						14669490	FDSN	IR	--	ISC	iLoc	???	???	-	
OZLJ	0.76	225.7	Lg	22:22:56.560	0.8					T__						14669491	FDSN	IR	--	ISC	iLoc	???	???	-	
PKKS	0.87	264.8	Pg	22:22:46.580	0.1					T__						14669492	FDSN	IR	--	ISC	iLoc	???	???	-	
PKKS	0.87	264.8	Lg	22:22:59.170	-0.1					T__						14669493	FDSN	IR	--	ISC	iLoc	???	???	-	
PKKS	0.87	264.8	x	22:23:01.770	-99.0					---		2.9	0.13			14669494	FDSN	IR	--	ISC	iLoc	???	???	-	
PERS	0.92	302.6	Pg	22:22:47.130	-0.2					T__						14669495	FDSN	IR	--	ISC	iLoc	???	???	-	

BOJS	0.94	227.4	Pg	22:22:48.820	0.8	T__									14669496	FDSN	IR	--	ISC	iLoc	??? ???	_	
BOJS	0.94	227.4	Lg	22:23:02.380	0.7	T__									14669497	FDSN	IR	--	ISC	iLoc	??? ???	_	
BOJS	0.94	227.4	x	22:23:04.000	-99.0	---				6.1	0.22				14669498	FDSN	IR	--	ISC	iLoc	??? ???	_	
VISS	1.03	251.1	Pg	22:22:49.790	0.3	T__									14669499	FDSN	IR	--	ISC	iLoc	??? ???	_	
VISS	1.03	251.1	Lg	22:23:04.880	0.4	T__									14669500	FDSN	IR	--	ISC	iLoc	??? ???	_	
VISS	1.03	251.1	x	22:23:07.150	-99.0	---				3.8	0.23				14669501	FDSN	IR	--	ISC	iLoc	??? ???	_	
VNDS	1.07	268.2	Pg	22:22:50.050	-0.1	T__									14669502	FDSN	IR	--	ISC	iLoc	??? ???	_	
VNDS	1.07	268.2	Lg	22:23:05.830	0.3	T__									14669503	FDSN	IR	--	ISC	iLoc	??? ???	_	
GBRS	1.17	238.9	Pn	22:22:52.630	0.5	T__									14669504	FDSN	IR	--	ISC	iLoc	??? ???	_	
GBRS	1.17	238.9	Lg	22:23:08.720	-0.2	T__									14669505	FDSN	IR	--	ISC	iLoc	??? ???	_	
GBRS	1.17	238.9	x	22:23:12.020	-99.0	---				1.1	0.09				14669506	FDSN	IR	--	ISC	iLoc	??? ???	_	
ARSA	1.21	336.2	Pn	22:22:53.046	0.7	T__	2.4			0.0				MLv	1.7	14669507	FDSN	OE	--	BUD	iLoc	BHZ BHZ	_
ARSA	1.21	336.2	Lg	22:23:10.252	0.2	T__									14669508	FDSN	OE	--	BUD	iLoc	BHN ???	_	
ARSA	1.21	336.2	Pg	22:22:52.370	-0.9	T__	6.0			1.0	0.15				14669509	FDSN	IR	--	ISC	iLoc	??? ???	_	
ARSA	1.21	336.2	Sn	22:23:08.156	-1.7	T__	4.5			3.5	0.25				14669510	FDSN	IR	--	ISC	iLoc	??? ???	_	
(Station ML : 1.7 1																							
OBKA	1.23	287.8	Pn	22:22:52.971	0.2	T__				0.6	0.15				14669511	FDSN	IR	--	ISC	iLoc	??? ???	_	
OBKA	1.23	287.8	Lg	22:23:08.903	-1.5	T__				4.1	0.38				14669512	FDSN	IR	--	ISC	iLoc	??? ???	_	
MOZS	1.26	277.4	Pn	22:22:53.600	0.5	T__									14669513	FDSN	IR	--	ISC	iLoc	??? ???	_	
MOZS	1.26	277.4	Lg	22:23:11.160	-0.1	T__									14669514	FDSN	IR	--	ISC	iLoc	??? ???	_	
MOZS	1.26	277.4	x	22:23:15.170	-99.0	---				2.1	0.22				14669515	FDSN	IR	--	ISC	iLoc	??? ???	_	
GBAS	1.27	261.1	Pn	22:22:53.810	0.5	T__									14669516	FDSN	IR	--	ISC	iLoc	??? ???	_	
GBAS	1.27	261.1	Lg	22:23:11.510	-0.2	T__									14669517	FDSN	IR	--	ISC	iLoc	??? ???	_	
GBAS	1.27	261.1	x	22:23:13.880	-99.0	---				2.2	0.15				14669518	FDSN	IR	--	ISC	iLoc	??? ???	_	
KOVH	1.30	91.9	Pn	22:22:52.868	-0.8	T__	2.2			0.0				MLv	1.7	14669519	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 1.7 1																							
CEY	1.33	252.8	Pg	22:22:55.270	0.6	T__									14669520	FDSN	IR	--	ISC	iLoc	??? ???	_	
CEY	1.33	252.8	Lg	22:23:13.870	0.3	T__									14669521	FDSN	IR	--	ISC	iLoc	??? ???	_	
CEY	1.33	252.8	x	22:23:17.220	-99.0	---				2.1	0.24				14669522	FDSN	IR	--	ISC	iLoc	??? ???	_	
CRNS	1.38	268.0	Pg	22:22:56.050	0.5	T__									14669523	FDSN	IR	--	ISC	iLoc	??? ???	_	
CRNS	1.38	268.0	Lg	22:23:15.410	0.4	T__									14669524	FDSN	IR	--	ISC	iLoc	??? ???	_	
CRNS	1.38	268.0	x	22:23:18.920	-99.0	---				3.6	0.21				14669525	FDSN	IR	--	ISC	iLoc	??? ???	_	
UDBI	1.65	191.9	Pn	22:22:59.340	-0.0	T__									14669526	FDSN	IR	--	ISC	iLoc	??? ???	_	
MORH	1.67	86.8	Pn	22:22:59.547	0.7	T__	2.9			0.0				MLv	1.9	14669527	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 1.9 1																							
DUGI	2.31	201.7	Pn	22:23:08.960	0.2	T__									14669528	FDSN	IR	--	ISC	iLoc	??? ???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/06/08	06:18:41.66	1.67	2.08	47.9263	19.8661	11.5	5.2	31	0.0S		6	3	197	0.02	0.89	m	kx	BUD	14670153	iLoc		283
2015/06/08	06:18:39.88f		2.37	47.8987	20.0893f				0.0S		6		254	0.13	1.03	a	kx	BUD_GT	14759245	BUD		332
(locality : Recsk Csákyányko)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.0	3 BUD	14670153
ML	1.2	0.0	3 BUD	14759245

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
PSZ	0.13	278.6	Pg	06:18:42.355	-1.0					T__		0.7			MLv	14759444	FDSN	GE	--	BUD	BUD	BHN	BHZ	_
PSZ	0.13	278.6	Lg	06:18:44.251	-1.9					T__						14759445	FDSN	GE	--	BUD	BUD	BHZ	???	_
KECS	0.64	24.2	Pg	06:18:57.468	4.7					T__		0.3			MLv	14759446	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_

KECS	0.64	24.2	Lg	06:19:03.231	0.7	T__									14759447	FDSN	SK	--	BUD	BUD	EHZ	???	-
VYHS	1.03	305.9	Pg	06:18:59.233	-1.3	T__				0.0				MLv	14759448	FDSN	SK	--	BUD	BUD	HHE	HHZ	-
VYHS	1.03	305.9	Lg	06:19:13.435	-2.2	T__									14759449	FDSN	SK	--	BUD	BUD	HHZ	???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/06/09	08:45:20.34	1.46	0.68	48.5547	20.7574	16.2	5.5	138	0.0S		8	5	169	0.19	1.28	m	kx	BUD	14670183	iLoc		202

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.3	5 BUD	14670183

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.19	248.5	Pg	08:45:24.326	-0.1					T__	31.9	4.7			MLv	2.5	14670185	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	-
KECS	0.19	248.5	Lg	08:45:28.389	0.8					T__						14670186	FDSN	SK	--	BUD	iLoc	EHE	???	-	
(Station ML : 2.5 0																									
CRVS	0.58	53.0	Pg	08:45:31.411	-0.1					T__	1.8	0.0			MLv	1.0	14670187	FDSN	SK	--	BUD	iLoc	HHE	HHZ	-
(Station ML : 1.0 0																									
PSZ	0.86	222.5	Pg	08:45:38.731	0.3					T__	2.8	0.1			MLv	1.9	14670188	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	-
PSZ	0.86	222.5	Lg	08:45:51.412	-0.4					T__						14670189	FDSN	GE	--	BUD	iLoc	BHE	???	-	
(Station ML : 1.9 1																									
STHS	0.92	20.2	Pg	08:45:37.508	0.2					T__	4.3	0.1			MLv	2.1	14670190	FDSN	SK	--	BUD	iLoc	EHE	EHZ	-
(Station ML : 2.1 1																									
VYHS	1.28	268.0	Pn	08:45:45.041	0.3					T__	1.6	0.0			MLv	1.4	14670191	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	-
VYHS	1.28	268.0	Sn	08:46:02.770	-1.1					T__						14670192	FDSN	SK	--	BUD	iLoc	HHN	???	-	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/06/13	17:46:35.72	1.34	1.90	48.0516	21.7094	8.3	4.8	84	6.8F	11.4	11	8	84	0.68	1.79	m	ke	BUD	14670438	iLoc		166

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.1	5 BUD	14670438

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
LTVH	0.68	169.0	Pg	17:46:50.008	0.5					T__	2.7	0.2			MLv	2.2	14670440	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	-
LTVH	0.68	169.0	Lg	17:47:00.658	-0.1					T__						14670441	FDSN	HU	--	BUD	iLoc	SHT	???	-	
(Station ML : 2.2 1																									
CRVS	0.87	349.1	Pg	17:46:52.305	0.3					T__	4.0	0.0			MLv	1.4	14670442	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	-
(Station ML : 1.4 0																									
KOLS	0.96	22.8	Pg	17:46:53.936	0.2					T__	54.3	42.2			MLv	4.7	14670443	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	-
KOLS	0.96	22.8	Lg	17:47:07.420	-1.8					T__						14670444	FDSN	SK	--	BUD	iLoc	HHT	???	-	
(Station ML : 4.7 0																									
PSZ	1.23	264.4	Pn	17:46:57.999	-0.7					T__	4.9	0.1			MLv	2.1	14670445	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	-
PSZ	1.23	264.4	Sn	17:47:14.897	-2.0					T__						14670446	FDSN	GE	--	BUD	iLoc	BHT	???	-	
(Station ML : 2.1 1																									
BMR	1.26	106.8	Sn	17:47:16.254	-1.7					T__						14670447	FDSN	RO	--	BUD	iLoc	BHT	???	-	
STHS	1.40	347.5	Pn	17:47:03.909	2.7					T__						14670448	FDSN	SK	--	BUD	iLoc	EHZ	???	-	
DRGR	1.43	151.3	Pn	17:47:01.135	-0.6					T__	2.4	0.0			MLv	2.0	14670449	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
(Station ML : 2.0 1																									
SIRR	1.79	181.0	Sn	17:47:32.755	2.7					T__						14670450	FDSN	RO	--	BUD	iLoc	BHT	???	-	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/06/14	05:13:02.39	4.03	1.48	47.1231	17.7037	8.0	5.8	27	0.2F	7.0	6	3	142	0.12	0.45	m	ke BUD	14670472	iLoc			266

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.5	3 BUD	14670472

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MPLH	0.12	292.9	Pg	05:13:05.519	0.1					T__	8.6	0.1		___	MLv	0.8	14670474	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.12	292.9	Lg	05:13:07.674	-0.2					T__				___			14670475	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 0.8 1																									
TIH	0.26	150.5	Pg	05:13:08.674	0.7					T__	2.6	0.3		___	MLv	1.4	14670476	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
TIH	0.26	150.5	Lg	05:13:11.100	-1.2					T__				___			14670477	FDSN	HU	--	BUD	iLoc	SHT	???	_
(Station ML : 1.4 1																									
CSKK	0.45	57.5	Pg	05:13:10.989	-0.8					T__	3.4	0.0		___	MLv	1.1	14670478	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.45	57.5	Lg	05:13:20.201	1.3					T__				___			14670479	FDSN	HU	--	BUD	iLoc	SHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/06/14	11:43:42.16	1.14	2.30	48.3103	22.5252	6.5	3.3	53	9.4F	9.9	25	12	148	0.65	2.92	m	ke BUD	14670613	iLoc			170

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.3	7 BUD	14670613

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOLS	0.65	345.1	Pg	11:43:54.428	-0.0					T__	86.3	69.7		___	MLv	4.7	14670615	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	0.65	345.1	Lg	11:44:04.355	-0.7					T__				___			14670616	FDSN	SK	--	BUD	iLoc	HHT	???	_
(Station ML : 4.7 0																									
BMR	0.91	134.0	Lg	11:44:12.800	-1.8					T__				___			14670617	FDSN	IR	--	ISC	iLoc	???	???	_
BMR	0.91	134.0	Pg	11:44:00.004	0.1					T__	20.4	0.7		___	MLv	2.8	14670618	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BMR	0.91	134.0	Sg	11:44:13.717	-0.9					T__				___			14670619	FDSN	RO	--	BUD	iLoc	BHT	???	_
(Station ML : 2.8 1																									
CRVS	0.92	310.4	Pg	11:44:00.153	0.7					T__	9.9	0.0		___	MLv	1.7	14670620	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.92	310.4	Lg	11:44:15.112	0.6					T__				___			14670621	FDSN	SK	--	BUD	iLoc	HHR	???	_
(Station ML : 1.7 0																									
LTVH	1.02	204.7	Sn	11:44:19.769	2.0					T__				___			14670622	FDSN	HU	--	BUD	iLoc	SHR	???	_
LTVH	1.02	204.7	Pg	11:44:04.494	2.0					T__				___			14670623	FDSN	IR	--	ISC	iLoc	???	???	_
STHS	1.39	323.1	Pn	11:44:08.064	0.5					T__	9.1	0.2		___	MLv	2.7	14670624	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
STHS	1.39	323.1	Sn	11:44:25.377	-2.2					T__				___			14670625	FDSN	SK	--	BUD	iLoc	EHZ	???	_
(Station ML : 2.7 1																									
DRGR	1.52	175.2	Pn	11:44:10.237	0.8					T__	2.3	0.1		___	MLv	2.0	14670626	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	1.52	175.2	Sn	11:44:32.137	1.6					T__				___			14670627	FDSN	RO	--	BUD	iLoc	BHR	???	_
DRGR	1.52	175.2	Pg	11:44:10.585	-1.1					T__				___			14670628	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	1.52	175.2	Lg	11:44:32.416	-3.6					T__				___			14670629	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.0 1																									
ARCR	1.74	134.1	Sn	11:44:37.478	1.4					T__				___			14670630	FDSN	IR	--	ISC	iLoc	???	???	_
ARCR	1.74	134.1	Lg	11:44:38.281	-3.3					T__				___			14670631	FDSN	RO	--	BUD	iLoc	BHT	???	_
CJR	1.76	155.1	Pn	11:44:13.953	1.1					T__				___			14670632	FDSN	IR	--	ISC	iLoc	???	???	_
CJR	1.76	155.1	Sn	11:44:38.319	1.9					T__				___			14670633	FDSN	IR	--	ISC	iLoc	???	???	_
PSZ	1.81	258.4	Pn	11:44:14.225	0.9					T__				___			14670634	FDSN	IR	--	ISC	iLoc	???	???	_

PSZ	1.81	258.4	Sn	11:44:39.151	1.5	T__								14670635	FDSN	IR	--	ISC	iLoc	??? ???	_
PSZ	1.81	258.4	Pg	11:44:14.004	-3.6	---	2.6		0.0	---	MLv	2.1		14670636	FDSN	GE	--	BUD	iLoc	BHZ BHZ	_
PSZ	1.81	258.4	Lg	11:44:38.582	-6.6	T__				---				14670637	FDSN	GE	--	BUD	iLoc	BHR ???	_
(Station ML : 2.1 1																					
VYHS	2.46	275.7	Pn	11:44:22.961	0.6	T__	2.1		0.0	---	MLv	1.9		14670638	FDSN	SK	--	BUD	iLoc	HHZ HHZ	_
(Station ML : 1.9 1																					
BZS	2.77	193.3	Pn	11:44:28.613	2.2	T__				---				14670639	FDSN	IR	--	ISC	iLoc	??? ???	_
GZR	2.92	176.5	Sn	11:45:07.141	2.2	T__				---				14670640	FDSN	IR	--	ISC	iLoc	??? ???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/06/15	09:39:43.22	0.29	0.15	48.4355	17.1824	2.7	1.3	120	0.0F	0.0	16		5	1.02	1.63	a	ke VIE	14544780	ISC			360
2015/06/15	09:39:42.93	0.95	1.05	48.3997	17.1905	4.9	3.1	106	5.8F	9.5	27	15	66	0.21	3.98	m	ke BUD	14670670	iLoc			84

Magnitude	Err	Nsta	Author	OrigID
mb	1.9		VIE	14544780
ml	2.3		VIE	14544780
ML	2.3	0.0	5 BUD	14670670

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
ZST	0.21	196.1	Pg	09:39:47.588	0.1					T__	36.9	14.6		---	MLv	3.1	14670672	FDSN	SK	--	BUD	iLoc	HHZ HHZ	_
ZST	0.21	196.1	Lg	09:39:51.472	0.5					T__				---			14670673	FDSN	SK	--	BUD	iLoc	HHE ???	_
(Station ML : 3.1 0																								
JAVC	0.56	34.5	Pg	09:39:53.478	-0.8					T__				---			14670674	FDSN	CZ	--	BUD	iLoc	BHZ ???	_
JAVC	0.56	34.5	Lg	09:40:02.632	0.1					T__				---			14670675	FDSN	CZ	--	BUD	iLoc	BHZ ???	_
JAVC	0.56	34.5	Pb	09:39:53.200	-1.0					T__				---			14670676	FDSN	IR	--	ISC	iLoc	??? ???	_
JAVC	0.56	34.5	Sg	09:40:02.400	-0.1					T__				---			14670677	FDSN	IR	--	ISC	iLoc	??? ???	_
SOP	0.83	210.9	Pg	09:39:59.815	0.3					T__	5.9	0.2		---	MLv	2.3	14670678	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 2.3 1																								
KRUC	0.85	321.8	Pg	09:39:58.900	-0.0					T__				---			14670679	FDSN	IR	--	ISC	iLoc	??? ???	_
KRUC	0.85	321.8	Pb	09:39:59.248	0.3					T__				---			14670680	FDSN	CZ	--	BUD	iLoc	BHZ ???	_
KRUC	0.85	321.8	Lg	09:40:11.997	0.9					T__				---			14670681	FDSN	CZ	--	BUD	iLoc	BHZ ???	_
EGYH	0.99	174.4	Pn	09:39:59.739	-2.7					T__				---			14670682	FDSN	HU	--	BUD	iLoc	SHZ ???	_
VRAC	0.99	336.8	Pn	09:40:02.200	-0.2					T__				---			14670683	FDSN	IR	--	ISC	iLoc	??? ???	_
VRAC	0.99	336.8	Pg	09:40:02.401	0.6					T__				---			14670684	FDSN	CZ	--	BUD	iLoc	BHZ ???	_
VRAC	0.99	336.8	Sn	09:40:17.382	0.2					T__				---			14670685	FDSN	CZ	--	BUD	iLoc	BHE ???	_
CONA	1.01	242.6	Pn	09:40:02.946	0.2					T__		1.8	0.22	---			14670686	FDSN	IR	--	ISC	iLoc	??? ???	_
CONA	1.01	242.6	Lg	09:40:17.146	0.2					T__		21.0	0.30	---			14670687	FDSN	IR	--	ISC	iLoc	??? ???	_
VYHS	1.10	84.5	Pn	09:40:03.155	-0.8					T__				---			14670688	FDSN	SK	--	BUD	iLoc	HHZ ???	_
MPLH	1.25	169.0	Pg	09:40:08.348	0.7					T__	4.9	0.1		---	MLv	2.2	14670689	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 2.2 1																								
CSKK	1.26	144.8	Pg	09:40:09.449	1.6					T__	5.7	0.1		---	MLv	2.3	14670690	FDSN	HU	--	BUD	iLoc	SHZ SHZ	_
(Station ML : 2.3 1																								
MORC	1.40	9.4	Pn	09:40:08.594	0.4					T__				---			14670691	FDSN	CZ	--	BUD	iLoc	BHZ ???	_
MORC	1.40	9.4	Pg	09:40:08.400	-0.7					T__				---			14670692	FDSN	IR	--	ISC	iLoc	??? ???	_
TREC	1.44	309.2	Lg	09:40:29.368	-0.1					T__				---			14670693	FDSN	CZ	--	BUD	iLoc	BHN ???	_
ARSA	1.61	225.0	Pg	09:40:13.444	-0.7					T__		3.2	0.30	---			14670694	FDSN	IR	--	ISC	iLoc	??? ???	_
ARSA	1.61	225.0	Lg	09:40:37.120	1.6					T__		7.0	0.40	---			14670695	FDSN	IR	--	ISC	iLoc	??? ???	_
ARSA	1.61	225.0	Pb	09:40:13.578	-0.6					T__	3.5	0.1		---	MLv	2.1	14670696	FDSN	OE	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 2.1 0																								
PSZ	1.87	103.9	Pg	09:40:22.245	1.9					T__				---			14670697	FDSN	GE	--	BUD	iLoc	BHZ ???	_
CLL	3.98	318.6	Lg	09:41:51.000	1.9					T__				---			14670698	FDSN	IR	--	ISC	iLoc	??? ???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/06/16	11:22:43.19	1.23	0.64	47.0999	18.0377	7.6	5.1	115	4.5F	29.5	9	4	124	0.22	0.98	m	ke BUD	14670724	iLoc			232

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	4 BUD	14670724

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
TIH	0.22	207.2	Pg	11:22:47.547	-0.4					T__	6.7	1.6		___	MLv	2.1	14670726	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
TIH	0.22	207.2	Lg	11:22:52.276	0.6					T__				___			14670727	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 2.1 1																									
CSKK	0.30	29.9	Pg	11:22:49.175	-0.3					T__	10.1	0.2		___	MLv	1.4	14670728	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.30	29.9	Pb	11:22:49.300	-0.2					T__		0.2		___			14670729	FDSN	IR	--	ISC	iLoc	???	???	_
CSKK	0.30	29.9	Lg	11:22:55.094	0.8					T__				___			14670730	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 1.4 1																									
MPLH	0.35	281.9	Pg	11:22:50.849	0.5					T__	7.7	0.2		___	MLv	1.4	14670731	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.35	281.9	Lg	11:22:55.042	-0.6					T__				___			14670732	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.4 1																									
MORH	0.98	154.5	Pg	11:23:02.758	0.2					T__	1.9	0.0		___	MLv	1.4	14670733	FDSN	HU	--	BUD	iLoc	BHR	BHZ	_
MORH	0.98	154.5	Lg	11:23:16.867	0.1					T__				___			14670734	FDSN	HU	--	BUD	iLoc	BHR	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/06/16	23:16:39.10	1.35	0.50	47.4314	18.2610	8.1	6.8	24	8.4F	7.6	10	5	147	0.07	1.24	m	ke BUD	14670753	iLoc			258

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	4 BUD	14670753

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.07	180.3	Pg	23:16:41.622	0.2					T__	304.7	2.5		___	MLv	1.9	14670755	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.07	180.3	Lg	23:16:42.796	-0.4					T__				___			14670756	FDSN	HU	--	BUD	iLoc	SHE	???	_
(Station ML : 1.9 1																									
MPLH	0.56	242.2	Pg	23:16:50.470	0.1					T__	1.7	0.0		___	MLv	1.1	14670757	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.56	242.2	Pb	23:16:50.700	0.3					T__		0.0		___			14670758	FDSN	IR	--	ISC	iLoc	???	???	_
MPLH	0.56	242.2	Lg	23:16:58.507	-0.1					T__				___			14670759	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.1 1																									
EGYH	0.63	269.0	Pg	23:16:51.045	-0.8					T__	1.9	0.1		___	MLv	1.6	14670760	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	0.63	269.0	Lg	23:17:01.609	0.5					T__				___			14670761	FDSN	HU	--	BUD	iLoc	SHT	???	_
(Station ML : 1.6 1																									
VYHS	1.13	19.8	Lg	23:17:17.350	0.2					T__				___			14670762	FDSN	SK	--	BUD	iLoc	HHE	???	_
MORH	1.24	167.6	Pg	23:17:03.076	-0.5					T__	1.7	0.0		___	MLv	1.5	14670763	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.24	167.6	Sn	23:17:19.160	0.1					T__				___			14670764	FDSN	HU	--	BUD	iLoc	BHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/06/17	09:26:15.40	1.21	0.76	48.8605	20.5324	6.5	5.6	114	15.6F	13.4	12	7	104	0.38	1.44	m	ke BUD	14671024	iLoc			152

Magnitude	Err	Nsta	Author	OrigID

ML 1.9 0.2 7 BUD 14671024

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.38	184.7	Pg	09:26:23.211	-0.2					T__	19.7	2.4		---	MLv	2.7	14671026	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.38	184.7	Lg	09:26:29.257	-0.2					T__				---		14671027	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
(Station ML : 2.7 1																									
CRVS	0.61	85.8	Pg	09:26:27.648	0.5					T__	3.0	0.0		---	MLv	1.0	14671028	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.0 0																									
LANS	0.76	292.9	Pn	09:26:30.415	-0.5					T__	4.8	0.1		---	MLv	1.8	14671029	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.76	292.9	Lg	09:26:40.935	-0.3					T__				---		14671030	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
(Station ML : 1.8 1																									
PSZ	1.03	204.5	Pg	09:26:37.103	0.2					T__	3.2	0.1		---	MLv	1.9	14671031	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.03	204.5	Sn	09:26:50.840	0.5					T__				---		14671032	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.9 1																									
KOLS	1.15	85.7	Pg	09:26:37.618	0.6					T__	3.5	7.6		---	MLv	4.0	14671033	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 4.0 0																									
VYHS	1.18	252.6	Pg	09:26:40.420	1.6					T__	2.0	0.0		---	MLv	1.2	14671034	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.18	252.6	Sn	09:26:52.770	-0.9					T__				---		14671035	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.2 1																									
OJC	1.44	340.9	Pg	09:26:43.214	-0.1					T__	3.0	0.1		---	MLv	2.0	14671036	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
OJC	1.44	340.9	Sn	09:27:01.711	0.4					T__				---		14671037	FDSN	PL	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/06/18	13:01:10.08	1.38	0.59	48.5176	20.8056	14.0	4.8	147	2.7F	14.4	9	6	159	0.22	1.31	m	ke BUD	14671067	iLoc			194

Magnitude Err Nsta Author OrigID
ML 1.8 0.6 5 BUD 14671067

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.22	260.9	Pg	13:01:14.692	0.2					T__	68.4	8.8		---	MLv	2.8	14671069	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 2.8 1																									
CRVS	0.58	48.2	Pg	13:01:21.446	0.4					T__	2.8	0.0		---	MLv	1.0	14671070	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.58	48.2	Lg	13:01:29.560	-0.9					T__				---		14671071	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.0 0																									
PSZ	0.85	225.8	Pn	13:01:28.650	0.4					T__	4.0	0.1		---	MLv	1.8	14671072	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.85	225.8	Lg	13:01:40.564	-0.6					T__				---		14671073	FDSN	GE	--	BUD	iLoc	BHZ	???	_	
(Station ML : 1.8 1																									
NIE	0.96	340.4	Pn	13:01:30.015	0.2					T__	2.0	0.0		---	MLv	1.4	14671074	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.4 1																									
KOLS	1.06	66.3	Pn	13:01:31.166	-0.2					T__	3.3	4.7		---	MLv	3.8	14671075	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	1.06	66.3	Lg	13:01:47.117	0.2					T__				---		14671076	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 3.8 0																									
VYHS	1.31	269.7	Sn	13:01:53.485	-0.2					T__				---		14671077	FDSN	SK	--	BUD	iLoc	HHZ	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/06/23	09:50:37.25	1.25	0.86	48.5176	19.3468	5.7	4.0	8	2.8F	11.5	16	9	117	0.34	1.73	m	ke BUD	14671387	iLoc			174

Magnitude Err Nsta Author OrigID

ML 1.7 0.3 6 BUD 14671387

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.34	266.2	Pg	09:50:44.301	0.1					T__	7.3	0.0		___	MLv	0.9	14671389	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.34	266.2	Lg	09:50:49.318	-0.0					T__				___		14671390	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 0.9 0																									
LANS	0.64	7.1	Pg	09:50:49.374	-0.4					T__	8.5	0.1		___	MLv	1.8	14671391	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.64	7.1	Lg	09:50:57.479	-1.8					T__				___		14671392	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
(Station ML : 1.8 1																									
PSZ	0.70	148.4	Pg	09:50:51.505	-0.5					T__	3.0	0.1		___	MLv	1.6	14671393	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.70	148.4	Lg	09:51:02.955	-0.0					T__				___		14671394	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.6 1																									
KECS	0.76	92.2	Pg	09:50:52.149	-0.1					T__	11.7	1.4		___	MLv	3.1	14671395	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.76	92.2	Lg	09:51:03.083	-0.5					T__				___		14671396	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 3.1 0																									
JAVC	1.16	287.7	Pn	09:50:59.739	0.0					T__				___		14671397	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
JAVC	1.16	287.7	Lg	09:51:17.492	0.8					T__				___		14671398	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
JAVC	1.16	287.7	Pg	09:51:00.300	0.2					T__				___		14671399	FDSN	IR	--	ISC	iLoc	???	???	_	
JAVC	1.16	287.7	Sn	09:51:16.800	-0.2					T__				___		14671400	FDSN	IR	--	ISC	iLoc	???	???	_	
CRVS	1.45	73.8	Pg	09:51:05.198	1.0					T__	2.9	0.0		___	MLv	1.4	14671401	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.4 1																									
STHS	1.54	53.5	Pg	09:51:07.320	1.8					T__	4.2	0.1		___	MLv	2.3	14671402	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 2.3 1																									
OJC	1.73	9.7	Sn	09:51:31.956	-0.4					T__				___		14671403	FDSN	PL	--	BUD	iLoc	BHN	???	_	
MORC	1.73	317.5	Sn	09:51:31.313	0.1					T__				___		14671404	FDSN	CZ	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/06/24	10:55:55.63	0.84	0.76	47.0533	17.7863	4.5	4.2	57	0.0S		18	9	98	0.17	1.61	m	kx	BUD	14671430	iLoc		118

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	6 BUD	14671430

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
TIH	0.17	155.6	Pg	10:55:59.710	0.1					T__	24.4	4.8		___	MLv	2.4	14671432	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
TIH	0.17	155.6	Lg	10:56:02.742	-0.0					T__				___			14671433	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 2.4 0																									
MPLH	0.21	304.8	Pg	10:56:00.428	0.1					T__	21.6	0.4		___	MLv	1.5	14671434	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.21	304.8	Pb	10:56:00.800	0.4					T__		0.4		___			14671435	FDSN	IR	--	ISC	iLoc	???	???	_
MPLH	0.21	304.8	Lg	10:56:04.221	0.2					T__				___			14671436	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.5 0																									
CSKK	0.45	46.0	Pg	10:56:05.600	0.5					T__		0.2		___			14671437	FDSN	IR	--	ISC	iLoc	???	???	_
CSKK	0.45	46.0	Pb	10:56:05.848	0.8					T__	11.3	0.2		___	MLv	1.8	14671438	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.45	46.0	Lg	10:56:12.100	-0.1					T__		0.2		___			14671439	FDSN	IR	--	ISC	iLoc	???	???	_
CSKK	0.45	46.0	Sg	10:56:13.034	0.8					T__				___			14671440	FDSN	HU	--	BUD	iLoc	SHZ	???	_
(Station ML : 1.8 1																									
SRO	0.84	25.0	Lg	10:56:25.300	-0.0					T__				___			14671441	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	0.91	230.4	Pn	10:56:15.169	0.2					T__	2.3	0.2		___	MLv	2.3	14671442	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.91	230.4	Sn	10:56:29.953	-0.4					T__				___			14671443	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 2.3 1																									
MORH	1.03	144.5	Pn	10:56:16.382	0.1					T__	4.2	0.1		___	MLv	1.8	14671444	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.03	144.5	Lg	10:56:31.109	-0.5					T__				___			14671445	FDSN	HU	--	BUD	iLoc	BHE	???	_

MORH	1.03	144.5	Sg	10:56:30.500	-1.1	T__	0.1	---	14671446	FDSN	IR	--	ISC	iLoc	???	???	_			
(Station ML	:	1.8	1																	
KOGS	1.22	240.7	Sn	10:56:38.505	0.8	T__		---	14671447	FDSN	SL	--	BUD	iLoc	BHE	???	_			
ARSA	1.56	278.1	Lg	10:56:47.574	-0.6	T__		---	14671448	FDSN	OE	--	BUD	iLoc	BHN	???	_			
VYHS	1.61	25.8	Pn	10:56:22.492	-2.0	T__	1.8	0.0	---	MLv	1.5	14671449	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/06/24	11:15:50.42	1.21	0.29	48.5904	20.7515	18.6	4.5	150	9.4F	9.9	9	5	150	0.21	1.28	m	ke	BUD	14671681	iLoc		177

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.5	4 BUD	14671681

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.21	238.8	Pg	11:15:54.826	-0.1					T__	70.3	8.0		---	MLv	2.8	14671683	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	238.8	Lg	11:15:58.621	0.2					T__				---		14671684	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
(Station ML	:	2.8	1																						
CRVS	0.56	56.1	Pg	11:16:01.555	0.4					T__	3.0	0.0		---	MLv	0.9	14671685	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.56	56.1	Lg	11:16:10.046	-0.4					T__				---		14671686	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Station ML	:	0.9	1																						
PSZ	0.88	220.7	Pn	11:16:08.245	-0.0					T__	2.5	0.0		---	MLv	1.7	14671687	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.88	220.7	Lg	11:16:21.970	0.1					T__				---		14671688	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML	:	1.7	1																						
KOLS	1.06	70.6	Lg	11:16:27.027	-0.3					T__				---		14671689	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	1.28	266.4	Pg	11:16:15.667	0.1					T__	2.0	0.0		---	MLv	1.2	14671690	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.28	266.4	Sn	11:16:31.876	-0.0					T__				---		14671691	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/06/26	09:03:14.41	1.54	0.27	47.9083	19.2036	8.8	6.4	19	0.0S		5	3	141	0.46	0.84	m	kx	BUD	14671819	iLoc		252

Magnitude	Err	Nsta	Author	OrigID
M	1.3		2 BUD	14671819

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.46	88.5	Pg	09:03:24.601	0.0					T__	3.0	0.1		---	MLv	1.4	14671821	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.46	88.5	Lg	09:03:32.283	0.0					T__				---		14671822	FDSN	GE	--	BUD	iLoc	BHN	???	_	
VYHS	0.64	337.4	Pg	09:03:27.489	0.2					T__	3.1	0.0		---	MLv	1.1	14671823	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.64	337.4	Lg	09:03:36.505	-0.3					T__				---		14671824	FDSN	SK	--	BUD	iLoc	HHN	???	_	
CSKK	0.84	229.8	Lg	09:03:43.774	-0.1					T__				---		14671825	FDSN	HU	--	BUD	iLoc	SHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/07/06	10:59:21.47	1.20	0.90	48.8393	20.9707	8.1	4.5	133	6.7F	16.9	10	6	135	0.33	1.17	m	ke	BUD	14672009	iLoc		154

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.4	5 BUD	14672009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
-----	------	------	-------	------	------	------	-------	------	------	-----	-----	-----	-----	------	-----------	-------	-----	--------	----	------	-----	-----	-----	---

CRVS	0.33	78.8	Pg	10:59:28.530	0.6	T__	8.9	0.0	___	MLv	0.9	14672011	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.33	78.8	Lg	10:59:32.246	-1.2	T__			___			14672012	FDSN	SK	--	BUD	iLoc	HHR	???	_
(Station ML : 0.9 0)																				
KECS	0.48	222.2	Pg	10:59:31.546	0.4	T__	8.0	1.0	___	MLv	2.6	14672013	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.48	222.2	Lg	10:59:38.602	0.2	T__			___			14672014	FDSN	SK	--	BUD	iLoc	EHT	???	_
(Station ML : 2.6 1)																				
STHS	0.61	17.1	Pg	10:59:33.667	1.0	T__	15.2	0.4	___	MLv	2.4	14672015	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
STHS	0.61	17.1	Lg	10:59:41.334	-0.6	T__			___			14672016	FDSN	SK	--	BUD	iLoc	EHR	???	_
(Station ML : 2.4 1)																				
NIE	0.72	323.6	Lg	10:59:44.543	-1.1	T__			___			14672017	FDSN	PL	--	BUD	iLoc	BHZ	???	_
KOLS	0.86	83.3	Pn	10:59:39.754	0.0	T__	11.0	12.1	___	MLv	4.1	14672018	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 4.1 0)																				
PSZ	1.17	218.3	Pg	10:59:45.009	-0.0	T__	2.5	0.1	___	MLv	1.9	14672019	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.17	218.3	Lg	11:00:02.015	-0.5	T__			___			14672020	FDSN	GE	--	BUD	iLoc	BHT	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/07/06	16:01:10.68	1.27	0.63	47.1318	17.8682	8.9	7.1	120	5.0A		7	5	129	0.23	1.06	m	ke	BUD	14672042	iLoc		232

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	4 BUD	14672042

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MPLH	0.23	279.8	Pg	16:01:15.661	0.1					T__	6.9	0.1		___	MLv	0.9	14672044	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 0.9 1)																									
TIH	0.23	176.7	Pg	16:01:16.108	0.5					T__	6.2	0.8		___	MLv	1.9	14672045	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 1.9 1)																									
CSKK	0.35	49.0	Pg	16:01:18.077	0.1					T__	10.6	0.2		___	MLv	1.5	14672046	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.35	49.0	Lg	16:01:23.741	0.3					T__				___			14672047	FDSN	HU	--	BUD	iLoc	SHT	???	_
(Station ML : 1.5 1)																									
KOVH	1.06	171.2	Sn	16:01:46.276	-0.7					T__				___			14672048	FDSN	HU	--	BUD	iLoc	BHT	???	_
MORH	1.06	149.5	Pn	16:01:31.126	0.2					T__	2.3	0.0		___	MLv	1.4	14672049	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.06	149.5	Sn	16:01:46.066	-0.8					T__				___			14672050	FDSN	HU	--	BUD	iLoc	BHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/07/08	07:44:54.60	1.90	0.91	45.8250	18.4117	13.1	7.3	37	0.0S		5	3	196	0.34	1.22	m	kx	BUD	14672068	iLoc		298
2015/07/08	07:44:55.00f		0.85	45.8525	18.3977f				0.0S		5		193	0.31	1.24	a	kx	BUD_GT	14759247	BUD		293

(GT info : GT2 explosion)
(locality : Nagyharsány I.)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.0	0.2	2 BUD	14759247

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOVH	0.31	318.7	Pg	07:45:02.564	0.7					T__		0.0		___	MLv	14759452	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_	
KOVH	0.31	318.7	Lg	07:45:07.028	-0.3					T__				___			14759453	FDSN	HU	--	BUD	BUD	BHR	???	_
MORH	0.40	25.2	Pg	07:45:04.042	0.5					T__		0.1		___	MLv	14759454	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_	
MORH	0.40	25.2	Lg	07:45:10.044	-0.1					T__				___			14759455	FDSN	HU	--	BUD	BUD	BHR	???	_
FRGS	1.24	124.8	Lg	07:45:35.720	-1.7					T__				___			14759456	FDSN	SJ	--	BUD	BUD	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/07/08	10:00:27.69	1.19	0.63	48.8332	20.8005	13.5	5.6	103	22.2F	14.2	8	5	117	0.41	1.35	m	ke BUD	14672077	iLoc			184

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.6	4 BUD	14672077

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.41	210.9	Pg	10:00:36.645	0.0					T__	9.6	1.2		___	MLv	2.5	14672079	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.41	210.9	Lg	10:00:43.594	0.3					T__				___		14672080	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
(Station ML : 2.5 1																									
STHS	0.65	26.3	Pg	10:00:40.225	0.1					T__	7.9	0.2		___	MLv	2.2	14672081	FDSN	SK	--	BUD	iLoc	EHT	EHZ	_
(Station ML : 2.2 1																									
NIE	0.67	331.5	Pn	10:00:42.047	0.6					T__	1.6	0.0		___	MLv	1.3	14672082	FDSN	PL	--	BUD	iLoc	BHT	BHZ	_
NIE	0.67	331.5	Lg	10:00:49.742	-0.8					T__				___		14672083	FDSN	PL	--	BUD	iLoc	BHZ	???	_	
(Station ML : 1.3 1																									
PSZ	1.10	213.8	Pg	10:00:50.150	-0.4					T__	2.1	0.0		___	MLv	1.7	14672084	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.10	213.8	Lg	10:01:06.217	-0.1					T__				___		14672085	FDSN	GE	--	BUD	iLoc	BHT	???	_	
(Station ML : 1.7 1																									
TRPA	1.35	120.7	Sn	10:01:09.380	-0.5					T__				___		14672086	FDSN	HU	--	BUD	iLoc	BHT	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2015/07/11	08:06:25.94	1.39	0.46	48.5219	19.3762	12.6	5.0	23	0.0A		7	5	135	0.36	1.74	m	ke BUD	14672354	iLoc				193

Magnitude	Err	Nsta	Author	OrigID
M	1.0		2 BUD	14672354

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.36	265.8	Pg	08:06:33.434	0.1					T__	1.9	0.0		___	MLv	0.6	14672356	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.36	265.8	Lg	08:06:38.251	-0.5					T__				___		14672357	FDSN	SK	--	BUD	iLoc	HHT	???	_	
PSZ	0.70	150.0	Pg	08:06:41.152	0.4					T__	1.4	0.0		___	MLv	1.4	14672358	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.70	150.0	Lg	08:06:51.309	-0.4					T__				___		14672359	FDSN	GE	--	BUD	iLoc	BHR	???	_	
KECS	0.74	92.6	Lg	08:06:51.371	-0.4					T__				___		14672360	FDSN	SK	--	BUD	iLoc	EHR	???	_	
JAVC	1.18	287.3	Lg	08:07:06.679	0.2					T__				___		14672361	FDSN	CZ	--	BUD	iLoc	BHT	???	_	
MORC	1.74	316.9	Sn	08:07:20.657	-0.1					T__				___		14672362	FDSN	CZ	--	BUD	iLoc	BHT	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2015/07/13	08:30:31.56	1.30	0.69	48.5909	20.7709	16.4	4.3	147	4.7F	11.4	11	7	150	0.22	1.29	m	ke BUD	14672773	iLoc				170

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.4	6 BUD	14672773

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.22	240.5	Pg	08:30:35.914	-0.2					T__	38.1	4.4		___	MLv	2.6	14672775	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.22	240.5	Lg	08:30:39.777	0.2					T__				___		14672776	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
(Station ML : 2.6 0																									

CRVS	0.55	55.5 Pg	08:30:42.598	0.6	T__	2.5	0.0	___	MLv	0.8	14672777	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.55	55.5 Lg	08:30:50.524	-0.5	T__			___			14672778	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 0.8 0)																			
STHS	0.88	20.5 Pn	08:30:49.583	-0.5	T__	3.0	0.1	___	MLv	2.1	14672779	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 2.1 1)																			
PSZ	0.89	221.4 Pg	08:30:50.304	0.1	T__	3.8	0.1	___	MLv	1.8	14672780	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.89	221.4 Lg	08:31:02.616	-1.0	T__			___			14672781	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Station ML : 1.8 1)																			
LANS	1.03	303.6 Pn	08:30:51.405	-0.5	T__	2.7	0.0	___	MLv	1.6	14672782	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 1.6 1)																			
KOLS	1.05	70.4 Sn	08:31:09.417	0.2	T__			___			14672783	FDSN	SK	--	BUD	iLoc	HHE	???	_
VYHS	1.29	266.4 Pn	08:30:56.398	0.9	T__	2.1	0.0	___	MLv	1.3	14672784	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.29	266.4 Sn	08:31:14.666	0.4	T__			___			14672785	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/07/15	03:58:54.93	1.08	1.00	48.0836	22.4399	7.3	4.8	53	6.4F	8.8	16	10	62	0.08	3.27	m	ke BUD	14672811	iLoc			109

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.6	8 BUD	14672811

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
TRPA	0.08	54.8	Pg	03:58:57.686	0.6					T__	149.8	1.6		___	MLv	1.7	14672813	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	0.08	54.8	Lg	03:58:58.294	-0.7					T__				___		14672814	FDSN	HU	--	BUD	iLoc	BHT	???	_	
(Station ML : 1.7 1)																									
LTVH	0.79	207.7	Pn	03:59:11.565	-0.3					T__	2.2	0.3		___	MLv	2.3	14672815	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
LTVH	0.79	207.7	Lg	03:59:23.184	-0.6					T__				___		14672816	FDSN	HU	--	BUD	iLoc	SHT	???	_	
(Station ML : 2.3 1)																									
BMR	0.82	119.6	Pn	03:59:12.650	-0.0					T__	28.9	1.0		___	MLv	2.9	14672817	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BMR	0.82	119.6	Lg	03:59:23.837	-0.3					T__				___		14672818	FDSN	RO	--	BUD	iLoc	BHT	???	_	
(Station ML : 2.9 1)																									
KOLS	0.86	352.6	Pg	03:59:12.045	0.9					T__	42.4	27.3		___	MLv	4.4	14672819	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	0.86	352.6	Lg	03:59:24.418	-0.5					T__				___		14672820	FDSN	SK	--	BUD	iLoc	HHT	???	_	
(Station ML : 4.4 0)																									
CRVS	1.05	321.9	Pn	03:59:15.523	-0.2					T__	9.1	0.0		___	MLv	1.6	14672821	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.6 0)																									
DRGR	1.31	171.8	Pn	03:59:19.664	0.3					T__	2.4	0.1		___	MLv	2.0	14672822	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	1.31	171.8	Sn	03:59:37.953	-0.5					T__				___		14672823	FDSN	RO	--	BUD	iLoc	BHT	???	_	
(Station ML : 2.0 1)																									
KECS	1.37	287.8	Pn	03:59:19.778	-0.1					T__	7.4	0.8		___	MLv	3.2	14672824	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 3.2 1)																									
PSZ	1.72	265.4	Pn	03:59:26.357	1.3					T__	3.0	0.1		___	MLv	2.2	14672825	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.72	265.4	Sn	03:59:49.653	1.0					T__				___		14672826	FDSN	GE	--	BUD	iLoc	BHZ	???	_	
(Station ML : 2.2 1)																									
BURAR	1.91	102.3	Pg	03:59:31.964	0.3					T__				___		14672827	FDSN	RO	--	BUD	iLoc	BHZ	???	_	
JAVC	3.27	285.5	Pn	03:59:44.311	-2.5					T__				___		14672828	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2015/07/16	09:32:19.42	1.58	0.28	48.3451	19.8274	8.4	6.8	144	0.0S		5	3	149	0.43	0.68	m	kx BUD	14672962	iLoc				258

Magnitude Err Nsta Author OrigID
ML 1.6 0.6 3 BUD 14672962

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
PSZ	0.43	174.0	Pg	09:32:28.876	0.0					T__	7.2	0.1		---	MLv	1.6 14672964	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.43	174.0	Lg	09:32:35.817	-0.1					T__				---		14672965	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Station ML : 1.6 1																								
KECS	0.46	72.3	Pg	09:32:28.507	-0.2					T__	6.2	0.7		---	MLv	2.5 14672966	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.46	72.3	Lg	09:32:36.109	0.3					T__				---		14672967	FDSN	SK	--	BUD	iLoc	EHZ	???	_
(Station ML : 2.5 1																								
VYHS	0.68	283.1	Pg	09:32:33.029	-0.0					T__	2.1	0.0		---	MLv	1.2 14672968	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/07/16	11:50:54.87	1.31	1.23	48.1795	21.2061	6.9	4.8	34	5.8F	13.2	12	7	104	0.57	1.72	m	ke BUD	14672982	iLoc			153

Magnitude Err Nsta Author OrigID
ML 2.0 0.1 5 BUD 14672982

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
KECS	0.57	302.6	Pg	11:51:05.909	-0.3					T__	7.8	0.9		---	MLv	2.8 14672984	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.57	302.6	Lg	11:51:13.589	-1.2					T__				---		14672985	FDSN	SK	--	BUD	iLoc	EHT	???	_
(Station ML : 2.8 1																								
CRVS	0.74	13.1	Pg	11:51:10.080	1.2					T__	3.0	0.0		---	MLv	1.1 14672986	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.74	13.1	Lg	11:51:21.745	0.9					T__				---		14672987	FDSN	SK	--	BUD	iLoc	HHT	???	_
(Station ML : 1.1 0																								
TRPA	0.89	92.7	Lg	11:51:25.457	-1.5					T__				---		14672988	FDSN	HU	--	BUD	iLoc	BHR	???	_
PSZ	0.92	254.0	Pn	11:51:14.127	0.5					T__	4.9	0.1		---	MLv	2.0 14672989	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.92	254.0	Sn	11:51:27.886	-0.5					T__				---		14672990	FDSN	GE	--	BUD	iLoc	BHR	???	_
(Station ML : 2.0 1																								
LTVH	0.92	149.2	Lg	11:51:30.001	1.5					T__				---		14672991	FDSN	HU	--	BUD	iLoc	SHR	???	_
KOLS	1.04	42.8	Pg	11:51:14.330	0.0					T__	6.7	7.9		---	MLv	4.0 14672992	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	1.04	42.8	Lg	11:51:29.231	-1.7					T__				---		14672993	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 4.0 0																								
DRGR	1.72	143.1	Pg	11:51:28.069	-0.5					T__	1.8	0.0		---	MLv	2.0 14672994	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	1.72	143.1	Sn	11:51:48.286	0.0					T__				---		14672995	FDSN	RO	--	BUD	iLoc	BHT	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/07/17	05:56:00.53	1.70	1.04	45.7304	18.3651	15.3	8.2	42	10.0A		5	3	213	0.40	1.19	m	kx BUD	14673017	iLoc			310
2015/07/17	05:56:01.76f		2.60	45.8525	18.3977f				0.0S		5		193	0.31	1.24	a	kx BUD_GT	14759249	BUD			293

(locality : Nagyharsány I.)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
M 1.1 2 BUD 14759249

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
KOVH	0.31	318.7	Pg	05:56:08.787	0.1					T__		0.1		---	MLv	14759459	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_

KOVH	0.31	318.7	Lg	05:56:15.405	1.3	T__											14759460	FDSN	HU	--	BUD	BUD	BHR	???	-	
MORH	0.40	25.2	Pg	05:56:11.880	1.6	T__					0.0						MLv	14759461	FDSN	HU	--	BUD	BUD	BHZ	BHZ	-
MORH	0.40	25.2	Lg	05:56:17.944	1.0	T__												14759462	FDSN	HU	--	BUD	BUD	BHR	???	-
FRGS	1.24	124.8	Lg	05:56:38.817	-5.4	T__												14759463	FDSN	SJ	--	BUD	BUD	HHR	???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/07/19	09:27:17.73	0.26	0.59	46.9443	21.5442	1.9	1.6	158	3.9F	2.4	30		70	0.50	3.88	a	ke BUC	14547178	ISC			360
2015/07/19	09:27:19.70	0.00		47.2600	21.4400				0.0A		12					a	ke PRU	14547176	ISC			360
2015/07/19	09:27:16.43	0.74	1.80	46.9704	21.5086	3.2	2.5	174	6.1F	0.5	73	32	41	0.49	5.74	m	ke BUD	14673299	iLoc			44

Magnitude	Err	Nsta	Author	OrigID
ml	3.0		BUC	14547178
ML	2.9	0.3	16 BUD	14673299

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
LTVH	0.49	32.7	Lg	09:27:34.663	-0.2					T__		3.1		---		14673301	FDSN	IR	--	ISC	iLoc	???	???	-	
LTVH	0.49	32.7	Pg	09:27:27.997	1.4					T__	10.7	1.3		---	MLv	2.8	14673302	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	-
LTVH	0.49	32.7	Sg	09:27:36.100	1.3					T__				---		14673303	FDSN	HU	--	BUD	iLoc	SHR	???	-	
(Station ML : 2.8 1																									
SIRR	0.71	171.4	Pg	09:27:30.508	-0.5					T__	32.0	0.8		---	MLv	2.8	14673304	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
SIRR	0.71	171.4	Lg	09:27:39.550	-2.4					T__				---		14673305	FDSN	RO	--	BUD	iLoc	BHT	???	-	
(Station ML : 2.8 1																									
AMBH	0.82	221.3	Pg	09:27:33.653	0.3					T__				---		14673306	FDSN	HU	--	BUD	iLoc	SHZ	???	-	
AMBH	0.82	221.3	Lg	09:27:45.716	-0.6					T__				---		14673307	FDSN	HU	--	BUD	iLoc	SHT	???	-	
AMBH	0.82	221.3	Sg	09:27:45.416	-0.9					T__		2.4		---		14673308	FDSN	IR	--	ISC	iLoc	???	???	-	
DRGR	0.84	101.8	Pg	09:27:32.560	-0.7					T__	33.2	0.6		---	MLv	2.8	14673309	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
DRGR	0.84	101.8	Lg	09:27:44.174	-2.8					T__				---		14673310	FDSN	RO	--	BUD	iLoc	BHR	???	-	
DRGR	0.84	101.8	Pb	09:27:32.808	-0.5					T__				---		14673311	FDSN	IR	--	ISC	iLoc	???	???	-	
DRGR	0.84	101.8	Pb	09:27:32.808	-0.5					T__		0.4		---		14673312	FDSN	IR	--	ISC	iLoc	???	???	-	
(Station ML : 2.8 1																									
BSZH	0.91	291.7	Pn	09:27:34.888	0.3					T__				---		14673313	FDSN	IR	--	ISC	iLoc	???	???	-	
BSZH	0.91	291.7	Pn	09:27:34.888	0.3					T__		1.3		---		14673314	FDSN	IR	--	ISC	iLoc	???	???	-	
BSZH	0.91	291.7	Sn	09:27:49.875	1.0					T__		1.3		---		14673315	FDSN	IR	--	ISC	iLoc	???	???	-	
BSZH	0.91	291.7	Lg	09:27:50.702	1.1					T__				---		14673316	FDSN	HU	--	BUD	iLoc	HHT	???	-	
BSZH	0.91	291.7	Pg	09:27:55.560	19.9					---				---		14673317	FDSN	HU	--	BUD	iLoc	HHZ	???	-	
MESR	1.00	79.1	Pg	09:27:36.271	0.2					T__				---		14673318	FDSN	IR	--	ISC	iLoc	???	???	-	
MESR	1.00	79.1	Pg	09:27:36.271	0.2					T__		3.1		---		14673319	FDSN	IR	--	ISC	iLoc	???	???	-	
MESR	1.00	79.1	Sn	09:27:50.384	-1.3					T__		3.1		---		14673320	FDSN	IR	--	ISC	iLoc	???	???	-	
TRPA	1.35	30.6	Pn	09:27:41.169	-0.1					T__	10.1	0.2		---	MLv	2.5	14673321	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	-
TRPA	1.35	30.6	Sn	09:28:02.825	2.3					T__				---		14673322	FDSN	HU	--	BUD	iLoc	BHT	???	-	
(Station ML : 2.5 0																									
CBBR	1.42	97.5	Pn	09:27:43.542	1.5					T__				---		14673323	FDSN	IR	--	ISC	iLoc	???	???	-	
DEV	1.45	137.9	Pn	09:27:44.139	2.1					T__	17.3	0.5		---	MLv	3.0	14673325	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
(Station ML : 3.0 1																									
PSZ	1.45	311.5	Pn	09:27:42.884	0.4					T__	14.2	0.3		---	MLv	2.7	14673326	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	-
PSZ	1.45	311.5	Sn	09:28:05.050	2.6					T__				---		14673327	FDSN	GE	--	BUD	iLoc	BHR	???	-	
(Station ML : 2.7 1																									
CJR	1.46	99.4	Pn	09:27:44.156	1.3					T__	50.0	1.5		---	MLv	3.5	14673328	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
CJR	1.46	99.4	Pg	09:27:44.361	-0.4					T__				---		14673329	FDSN	IR	--	ISC	iLoc	???	???	-	
CJR	1.46	99.4	Pg	09:27:44.361	-0.4					T__		1.2		---		14673330	FDSN	IR	--	ISC	iLoc	???	???	-	
CJR	1.46	99.4	Sn	09:28:03.485	0.2					T__				---		14673331	FDSN	RO	--	BUD	iLoc	BHR	???	-	

CJR	1.46	99.4	Lg	09:28:04.087	-3.4	T__		1.2	---		14673332	FDSN	IR	--	ISC	iLoc	??? ???	_	
(Station ML	:	3.5	1																
BMR	1.52	61.8	Pn	09:27:45.622	1.9	T__			---		14673333	FDSN	IR	--	ISC	iLoc	??? ???	_	
BMR	1.52	61.8	Pn	09:27:45.622	1.9	T__		0.7	---		14673334	FDSN	IR	--	ISC	iLoc	??? ???	_	
BMR	1.52	61.8	Sn	09:28:06.334	1.5	T__		0.7	---		14673335	FDSN	IR	--	ISC	iLoc	??? ???	_	
BMR	1.52	61.8	Pg	09:27:45.438	-0.4	T__	19.6	0.6	---	MLv	3.1	14673336	FDSN	RO	--	BUD	iLoc	BHZ BHZ	_
(Station ML	:	3.1	1																
KECS	1.66	335.9	Pn	09:27:46.672	1.4	T__	7.0	1.3	---	MLv	3.5	14673337	FDSN	SK	--	BUD	iLoc	EHZ EHZ	_
(Station ML	:	3.5	0																
GZR	1.81	150.4	Pn	09:27:44.087	-3.2	---			---		14673338	FDSN	RO	--	BUD	iLoc	BHZ ???	_	
GZR	1.81	150.4	Pg	09:27:49.658	-1.8	T__			---		14673339	FDSN	IR	--	ISC	iLoc	??? ???	_	
GZR	1.81	150.4	Pg	09:27:49.658	-1.8	T__		0.4	---		14673340	FDSN	IR	--	ISC	iLoc	??? ???	_	
GZR	1.81	150.4	Sn	09:28:12.500	1.1	T__			---		14673341	FDSN	RO	--	BUD	iLoc	BHZ ???	_	
CRVS	1.93	359.1	Pn	09:27:50.227	0.9	T__	5.4	0.0	---	MLv	1.9	14673342	FDSN	SK	--	BUD	iLoc	HHZ HHZ	_
(Station ML	:	1.9	0																
ARCR	1.95	85.6	Pn	09:27:51.661	1.9	T__			---		14673343	FDSN	IR	--	ISC	iLoc	??? ???	_	
ARCR	1.95	85.6	Pn	09:27:51.661	1.9	T__		0.4	---		14673344	FDSN	IR	--	ISC	iLoc	??? ???	_	
ARCR	1.95	85.6	Pg	09:27:52.941	-1.2	T__	9.1	0.3	---	MLv	3.1	14673345	FDSN	RO	--	BUD	iLoc	BHZ BHZ	_
ARCR	1.95	85.6	Sn	09:28:17.720	2.4	T__		0.4	---		14673346	FDSN	IR	--	ISC	iLoc	??? ???	_	
ARCR	1.95	85.6	Lg	09:28:18.516	-4.7	T__			---		14673347	FDSN	RO	--	BUD	iLoc	BHR ???	_	
(Station ML	:	3.1	1																
KOLS	2.03	14.4	Pn	09:27:51.560	0.7	T__	29.2	19.3	---	MLv	4.9	14673348	FDSN	SK	--	BUD	iLoc	HHZ HHZ	_
(Station ML	:	4.9	0																
MORH	2.11	250.1	Pn	09:27:50.829	-0.6	T__	5.4	0.1	---	MLv	2.6	14673349	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
(Station ML	:	2.6	0																
MDB	2.15	111.7	Pn	09:27:54.560	2.2	T__			---		14673350	FDSN	IR	--	ISC	iLoc	??? ???	_	
MDB	2.15	111.7	Pn	09:27:54.560	2.2	T__		0.1	---		14673351	FDSN	IR	--	ISC	iLoc	??? ???	_	
FRGS	2.16	213.7	Pn	09:27:54.351	2.2	T__			---		14673352	FDSN	IR	--	ISC	iLoc	??? ???	_	
FRGS	2.16	213.7	Pn	09:27:54.351	2.2	T__		0.1	---		14673353	FDSN	IR	--	ISC	iLoc	??? ???	_	
LOT	2.19	133.3	Pn	09:27:54.523	1.6	T__			---		14673354	FDSN	IR	--	ISC	iLoc	??? ???	_	
LOT	2.19	133.3	Pn	09:27:54.523	1.6	T__		0.2	---		14673355	FDSN	IR	--	ISC	iLoc	??? ???	_	
LOT	2.19	133.3	Pg	09:27:59.969	1.4	T__	16.4	0.3	---	MLv	3.2	14673356	FDSN	RO	--	BUD	iLoc	BHZ BHZ	_
(Station ML	:	3.2	1																
MDVR	2.19	176.2	Pn	09:27:55.649	2.8	T__			---		14673357	FDSN	IR	--	ISC	iLoc	??? ???	_	
MDVR	2.19	176.2	Pn	09:27:55.649	2.8	T__		0.1	---		14673358	FDSN	IR	--	ISC	iLoc	??? ???	_	
STHS	2.45	356.0	Pg	09:28:16.130	13.3	---			---		14673359	FDSN	SK	--	BUD	iLoc	EHZ ???	_	
KOVH	2.51	250.7	Pg	09:28:03.938	-2.2	T__	3.8	0.1	---	MLv	2.6	14673360	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
KOVH	2.51	250.7	Pb	09:28:06.244	0.1	T__	3.8	0.1	---	MLv	2.6	14673361	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
(Station ML	:	2.6	1																
BURAR	2.60	74.3	Pn	09:28:00.955	1.6	T__			---		14673362	FDSN	IR	--	ISC	iLoc	??? ???	_	
MPLH	2.72	275.7	Pg	09:28:20.195	9.8	---			---		14673364	FDSN	HU	--	BUD	iLoc	BHZ ???	_	
VOIR	2.90	120.7	Pn	09:28:04.684	1.4	T__			---		14673365	FDSN	IR	--	ISC	iLoc	??? ???	_	
BBLs	3.44	206.2	Pn	09:28:14.469	4.5	T__	6.1	0.4	---	MLv	4.0	14673367	FDSN	SJ	--	BUD	iLoc	BHZ BHZ	_
(Station ML	:	4.0	0																
MORC	3.86	318.2	Pn	09:28:17.158	1.1	T__			---		14673368	FDSN	CZ	--	BUD	iLoc	BHZ ???	_	
MORC	3.86	318.2	Pg	09:28:16.700	-14.2	---			---		14673369	FDSN	IR	--	ISC	iLoc	??? ???	_	
MORC	3.86	318.2	Sn	09:28:58.900	-3.8	T__			---		14673370	FDSN	IR	--	ISC	iLoc	??? ???	_	
KRUC	4.02	303.2	Pn	09:28:18.800	0.6	T__			---		14673371	FDSN	IR	--	ISC	iLoc	??? ???	_	
VRAC	4.04	307.2	Pn	09:28:19.000	0.5	T__			---		14673372	FDSN	IR	--	ISC	iLoc	??? ???	_	
KRLC	4.42	316.4	Pn	09:28:24.300	0.5	T__			---		14673373	FDSN	IR	--	ISC	iLoc	??? ???	_	
KRLC	4.42	316.4	Sn	09:29:13.500	-2.8	T__			---		14673374	FDSN	IR	--	ISC	iLoc	??? ???	_	
DPC	4.82	316.4	Pn	09:28:30.300	0.9	T__			---		14673375	FDSN	IR	--	ISC	iLoc	??? ???	_	
KHC	5.74	295.0	Pn	09:28:44.100	2.1	T__			---		14673376	FDSN	IR	--	ISC	iLoc	??? ???	_	

KHC	5.74	295.0	Sn	09:29:48.500	1.7	T__	---	14673377	FDSN	IR	--	ISC	iLoc	???	???	-
KHC	5.74	295.0	Lg	09:30:21.000	-1.1	T__	---	14673378	FDSN	IR	--	ISC	iLoc	???	???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/07/19	10:09:52.71	1.09	0.53	48.0495	20.8803	7.1	5.8	130	10.0A		10	8	74	0.51	1.77	m	ke	BUD	14673168	iLoc		124

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.8	3 BUD	14673168

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.51	328.9	Pg	10:10:03.119	0.2					T__	9.1	1.2		---	MLv	2.8	14673170	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	-
KECS	0.51	328.9	Lg	10:10:10.575	-0.1					T__				---		14673171	FDSN	SK	--	BUD	iLoc	EHN	???	-	
(Station ML : 2.8 1																									
PSZ	0.68	259.2	Pg	10:10:07.112	0.1					T__	3.0	0.1		---	MLv	1.6	14673172	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	-
PSZ	0.68	259.2	Lg	10:10:17.193	-0.2					T__				---		14673173	FDSN	GE	--	BUD	iLoc	BHZ	???	-	
(Station ML : 1.6 1																									
BSZH	0.86	209.1	Lg	10:10:24.057	0.4					T__				---		14673174	FDSN	HU	--	BUD	iLoc	HHE	???	-	
CRVS	0.94	24.2	Pn	10:10:11.845	0.7					T__	2.2	0.0		---	MLv	1.0	14673175	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	-
(Station ML : 1.0 1																									
TRPA	1.12	85.2	Sn	10:10:29.908	-0.4					T__				---		14673176	FDSN	HU	--	BUD	iLoc	BHR	???	-	
KOLS	1.28	45.8	Lg	10:10:36.693	-0.4					T__				---		14673177	FDSN	SK	--	BUD	iLoc	HHT	???	-	
VYHS	1.44	288.8	Lg	10:10:40.368	-1.0					T__				---		14673178	FDSN	SK	--	BUD	iLoc	HHE	???	-	
DRGR	1.77	134.7	Pn	10:10:22.803	-0.2					T__				---		14673179	FDSN	RO	--	BUD	iLoc	BHZ	???	-	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/07/19	21:46:36.17	1.20	0.95	48.0867	22.3777	7.8	4.6	18	2.6F	10.7	17	11	72	0.12	1.95	m	ke	BUD	14674995	iLoc		106

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.4	9 BUD	14674995

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
TRPA	0.12	68.0	Pg	21:46:39.593	0.9					T__	57.3	0.7		---	MLv	1.5	14674997	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	-
(Station ML : 1.5 1																									
LTVH	0.77	204.8	Pn	21:46:53.436	0.1					T__	2.9	0.1		---	MLv	2.0	14674998	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	-
LTVH	0.77	204.8	Lg	21:47:04.931	0.5					T__				---		14674999	FDSN	HU	--	BUD	iLoc	SHE	???	-	
(Station ML : 2.0 1																									
KOLS	0.85	355.3	Pn	21:46:54.128	-0.6					T__	14.0	10.4		---	MLv	4.0	14675000	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	-
(Station ML : 4.0 0																									
BMR	0.86	118.4	Pn	21:46:54.351	-0.5					T__	18.5	0.4		---	MLv	2.6	14675001	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
BMR	0.86	118.4	Lg	21:47:05.701	-0.9					T__				---		14675002	FDSN	RO	--	BUD	iLoc	BHT	???	-	
(Station ML : 2.6 1																									
CRVS	1.02	323.6	Pn	21:46:57.291	0.3					T__	3.5	0.0		---	MLv	1.3	14675003	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	-
(Station ML : 1.3 0																									
DRGR	1.32	170.0	Pn	21:47:01.227	0.0					T__	1.8	0.0		---	MLv	1.7	14675004	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
DRGR	1.32	170.0	Sn	21:47:19.856	-0.9					T__				---		14675005	FDSN	RO	--	BUD	iLoc	BHT	???	-	
(Station ML : 1.7 1																									
KECS	1.32	288.1	Pg	21:47:01.991	-0.2					T__	3.4	0.4		---	MLv	2.8	14675006	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	-
KECS	1.32	288.1	Sn	21:47:19.074	-1.4					T__				---		14675007	FDSN	SK	--	BUD	iLoc	EHT	???	-	

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SOP	0.25	103.9	Pg	20:11:57.945	0.6					T__	5.1	0.1		---	MLv	1.0	14675331	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.25	103.9	Lg	20:12:01.423	0.2					T__				---		14675332	FDSN	HU	--	BUD	iLoc	BHR	???	?	
(Station ML : 1.0 0)																									
CONA	0.29	309.6	Pg	20:11:58.147	0.1					T__	27.1	4.7	0.14	---		14675333	FDSN	IR	--	ISC	iLoc	???	???	?	
CONA	0.29	309.6	Lg	20:12:02.332	-0.2					T__		1.9	0.06	---		14675334	FDSN	IR	--	ISC	iLoc	???	???	?	
ARSA	0.67	222.8	Pg	20:12:04.750	-0.3					T__		0.8	0.10	---		14675335	FDSN	IR	--	ISC	iLoc	???	???	?	
ARSA	0.67	222.8	Lg	20:12:14.093	-0.6					T__		2.8	0.12	---		14675336	FDSN	IR	--	ISC	iLoc	???	???	?	
ARSA	0.67	222.8	Pb	20:12:04.955	-0.1					T__	4.2	0.0		---	MLv	1.5	14675337	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.5 1)																									
ZST	0.76	53.2	Pg	20:12:06.502	-0.7					T__	1.4	0.5		---	MLv	2.6	14675338	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.6 0)																									
EGYH	0.84	112.7	Pg	20:12:05.686	-3.0					T__				---		14675339	FDSN	HU	--	BUD	iLoc	SHZ	???	?	
MPLH	1.08	121.7	Pn	20:12:14.315	1.6					T__	2.2	0.0		---	MLv	1.6	14675340	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.6 1)																									
KOGS	1.30	178.2	Sn	20:12:35.396	0.8					T__				---		14675341	FDSN	SL	--	BUD	iLoc	BHR	???	?	
MOA	1.30	275.3	Pg	20:12:17.646	0.4					T__	7.2	0.1	0.05	---		14675342	FDSN	IR	--	ISC	iLoc	???	???	?	
MOA	1.30	275.3	Sn	20:12:35.289	0.6					T__	5.3	2.2	0.22	---		14675343	FDSN	IR	--	ISC	iLoc	???	???	?	
KRUC	1.32	5.8	Pn	20:12:16.400	0.3					T__				---		14675344	FDSN	IR	--	ISC	iLoc	???	???	?	
KRUC	1.32	5.8	Sn	20:12:33.600	-1.1					T__		9.6	0.18	---		14675346	FDSN	IR	--	ISC	iLoc	???	???	?	
SOKA	1.33	217.0	Pn	20:12:17.023	0.8					T__		0.2	0.12	---		14675347	FDSN	IR	--	ISC	iLoc	???	???	?	
SOKA	1.33	217.0	Lg	20:12:35.322	-0.7					T__		0.4	0.18	---		14675348	FDSN	IR	--	ISC	iLoc	???	???	?	
JAVC	1.49	41.0	Pg	20:12:21.122	-0.2					T__				---		14675349	FDSN	CZ	--	BUD	iLoc	BHZ	???	?	
JAVC	1.49	41.0	Lg	20:12:42.022	0.6					T__				---		14675350	FDSN	CZ	--	BUD	iLoc	BHR	???	?	
JAVC	1.49	41.0	Pn	20:12:20.600	1.9					T__				---		14675351	FDSN	IR	--	ISC	iLoc	???	???	?	
VRAC	1.59	9.5	Pn	20:12:20.000	0.3					T__				---		14675352	FDSN	IR	--	ISC	iLoc	???	???	?	
VRAC	1.59	9.5	Pn	20:12:20.100	0.3					T__				---		14675353	FDSN	IR	--	ISC	iLoc	???	???	?	
VRAC	1.59	9.5	Sn	20:12:40.800	-0.2					T__															

TREC	1.62	343.4	Pn	20:12:21.336	1.1	T__								14675356	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
TREC	1.62	343.4	Sn	20:12:42.466	0.3	T__								14675357	FDSN	CZ	--	BUD	iLoc	BHR	???	_	
CKRC	1.65	311.2	Pg	20:12:23.097	-0.3	T__								14675358	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
CKRC	1.65	311.2	Lg	20:12:44.181	-1.5	T__								14675359	FDSN	CZ	--	BUD	iLoc	BHR	???	_	
CKRC	1.65	311.2	Sg	20:12:44.500	-1.2	T__		2.6	0.20					14675360	FDSN	IR	--	ISC	iLoc	???	???	_	
OBKA	1.67	222.8	Pn	20:12:21.655	0.6	T__		0.4	0.30					14675361	FDSN	IR	--	ISC	iLoc	???	???	_	
OBKA	1.67	222.8	Sn	20:12:44.534	0.8	T__		0.4	0.27					14675362	FDSN	IR	--	ISC	iLoc	???	???	_	
KBA	2.05	252.0	Pn	20:12:27.458	0.8	T__		0.1	0.12					14675363	FDSN	IR	--	ISC	iLoc	???	???	_	
KBA	2.05	252.0	Sn	20:12:54.074	0.7	T__		0.7	0.28					14675364	FDSN	IR	--	ISC	iLoc	???	???	_	
KOVH	2.11	141.0	Pn	20:12:28.320	1.1	T__	1.3	0.0					MLv	1.9	14675365	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.9 1																							
MORC	2.22	23.2	Pn	20:12:29.700	1.0	T__								14675366	FDSN	IR	--	ISC	iLoc	???	???	_	
KHC	2.23	309.5	Pg	20:12:32.100	-2.2	T__								14675367	FDSN	IR	--	ISC	iLoc	???	???	_	
KHC	2.23	309.5	Lg	20:13:01.400	-2.3	T__		1.6	0.20					14675368	FDSN	IR	--	ISC	iLoc	???	???	_	
MORH	2.27	131.4	Pn	20:12:30.644	1.4	T__	1.3	0.0					MLv	2.0	14675369	FDSN	HU	--	BUD	iLoc	BHR	BHZ	_
(Station ML : 2.0 1																							
PRU	2.50	334.7	Pg	20:12:38.800	-0.5	T__								14675370	FDSN	IR	--	ISC	iLoc	???	???	_	
PRU	2.50	334.7	Sn	20:13:05.700	2.2	T__								14675371	FDSN	IR	--	ISC	iLoc	???	???	_	
DPC	2.61	1.8	Lg	20:13:13.600	-0.3	T__		1.1	0.20					14675372	FDSN	IR	--	ISC	iLoc	???	???	_	
UPC	2.77	357.6	Lg	20:13:20.000	1.5	T__		1.1	0.10					14675373	FDSN	IR	--	ISC	iLoc	???	???	_	
GSTC	2.81	0.3	Lg	20:13:21.000	1.1	T__		1.3	0.20					14675374	FDSN	IR	--	ISC	iLoc	???	???	_	
CHVC	2.85	358.2	Lg	20:13:21.600	0.5	T__		1.9	0.40					14675375	FDSN	IR	--	ISC	iLoc	???	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/07/21	13:36:18.50	1.37	0.87	48.0353	20.8210	5.8	4.3	139	2.7F	10.8	18	11	73	0.50	1.79	m	ke	BUD	14675596	iLoc		126

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.7	8 BUD	14675596

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.50	333.6	Pg	13:36:28.712	0.2					T__	16.1	2.2			MLv	3.0	14675598	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.50	333.6	Lg	13:36:36.345	0.3					T__						14675599	FDSN	SK	--	BUD	iLoc	EHT	???	_	
(Station ML : 3.0 1																									
PSZ	0.63	259.7	Pg	13:36:31.651	-0.3					T__	9.6	0.2			MLv	2.0	14675600	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.63	259.7	Lg	13:36:42.386	0.6					T__						14675601	FDSN	GE	--	BUD	iLoc	BHT	???	_	
(Station ML : 2.0 1																									
BSZH	0.83	207.2	Pg	13:36:36.399	0.4					T__	1.7	0.2			MLv	2.2	14675602	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	0.83	207.2	Sn	13:36:49.981	0.2					T__						14675603	FDSN	HU	--	BUD	iLoc	HHR	???	_	
(Station ML : 2.2 1																									
CRVS	0.97	25.9	Pg	13:36:37.338	0.8					T__	4.4	0.0			MLv	1.4	14675604	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.97	25.9	Lg	13:36:50.512	-1.5					T__						14675605	FDSN	SK	--	BUD	iLoc	HHR	???	_	
(Station ML : 1.4 0																									
LTVH	0.98	131.4	Sn	13:36:52.449	-1.3					T__						14675606	FDSN	HU	--	BUD	iLoc	SHT	???	_	
TRPA	1.16	84.6	Pn	13:36:40.208	-0.7					T__	619.2	12.0			MLv	4.2	14675607	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 4.2 0																									
KOLS	1.32	46.5	Pg	13:36:44.142	0.9					T__	7.7	7.5			MLv	4.1	14675608	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	1.32	46.5	Sn	13:37:02.556	-0.5					T__						14675609	FDSN	SK	--	BUD	iLoc	HHT	???	_	
(Station ML : 4.1 1																									
VYHS	1.40	289.8	Pg	13:36:45.991	-0.4					T__	2.7	0.0			MLv	1.5	14675610	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.40	289.8	Sn	13:37:04.912	0.7					T__						14675611	FDSN	SK	--	BUD	iLoc	HHT	???	_	
(Station ML : 1.5 1																									

STHS	1.41	11.3	Lg	13:37:06.003	0.4	T__									14675612	FDSN	SK	--	BUD	iLoc	EHR	???	_
LANS	1.43	321.7	Pg	13:36:46.580	0.0	T__	7.1	0.1					MLv	2.3	14675613	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	1.43	321.7	Lg	13:37:08.141	0.7	T__									14675614	FDSN	SK	--	BUD	iLoc	EHR	???	_
(Station ML : 2.3 1																							
DRGR	1.79	133.4	Sn	13:37:15.497	1.6	T__									14675615	FDSN	RO	--	BUD	iLoc	BHT	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/07/21	15:25:21.09	1.38	1.37	47.4412	22.4216	5.4	4.4	66	1.7F	10.5	17	12	65	0.36	2.20	m	ke	BUD	14675649	iLoc		105

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	8 BUD	14675649

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
LTVH	0.36	261.2	Pg	15:25:29.082	0.6				T__	2.7	0.4				MLv	1.9	14675651	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
LTVH	0.36	261.2	Lg	15:25:35.453	0.8				T__							14675652	FDSN	HU	--	BUD	iLoc	SHT	???	_	
(Station ML : 1.9 1																									
DRGR	0.68	163.0	Pg	15:25:34.992	0.3				T__	6.2	0.1				MLv	2.0	14675653	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.68	163.0	Lg	15:25:43.903	-1.9				T__							14675654	FDSN	RO	--	BUD	iLoc	BHT	???	_	
(Station ML : 2.0 1																									
TRPA	0.69	6.5	Pg	15:25:33.991	-0.5				T__	2.4	0.1				MLv	1.7	14675655	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.7 0																									
BMR	0.76	72.0	Pg	15:25:36.453	0.5				T__	4.7	0.2				MLv	2.2	14675656	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.2 1																									
CJR	1.08	131.7	Pn	15:25:43.702	0.7				T__	11.1	0.5				MLv	2.8	14675657	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
CJR	1.08	131.7	Sn	15:25:59.168	-1.0				T__							14675658	FDSN	RO	--	BUD	iLoc	BHT	???	_	
(Station ML : 2.8 1																									
SIRR	1.29	204.2	Pn	15:25:45.036	-0.4				T__	6.1	0.1				MLv	2.0	14675659	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	1.29	204.2	Sn	15:26:02.858	-1.6				T__							14675660	FDSN	RO	--	BUD	iLoc	BHR	???	_	
(Station ML : 2.0 1																									
ARCR	1.36	104.4	Sn	15:26:06.657	-0.3				T__							14675661	FDSN	RO	--	BUD	iLoc	BHZ	???	_	
KOLS	1.50	356.2	Pn	15:25:49.165	0.4				T__	12.9	14.6				MLv	4.5	14675662	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	1.50	356.2	Sn	15:26:09.818	-0.7				T__							14675663	FDSN	SK	--	BUD	iLoc	HHT	???	_	
(Station ML : 4.5 0																									
DEV	1.59	167.9	Pg	15:25:51.653	0.1				T__	3.1	0.1				MLv	2.4	14675664	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.4 1																									
KECS	1.67	309.4	Sn	15:26:13.396	-0.3				T__							14675665	FDSN	SK	--	BUD	iLoc	EHT	???	_	
GZR	2.06	173.0	Pg	15:26:00.429	-0.4				T__							14675666	FDSN	RO	--	BUD	iLoc	BHZ	???	_	
LOT	2.20	154.5	Sn	15:26:31.621	3.7				T__							14675667	FDSN	RO	--	BUD	iLoc	BHR	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/07/23	09:47:18.86	1.31	0.44	48.5211	19.3563	8.6	4.8	8	3.3F	12.0	10	6	116	0.35	1.73	m	ke	BUD	14675701	iLoc		173

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.7	4 BUD	14675701

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.35	265.7	Pg	09:47:26.018	0.1				T__	6.9	0.0				MLv	0.9	14675703	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.35	265.7	Lg	09:47:31.001	-0.2				T__							14675704	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/07/24	08:08:16.18	1.26	0.30	48.8739	21.0916	10.0	5.0	118	8.2F	15.9	9	6	135	0.25	1.59	m	ke	BUD	14675835	iLoc		144

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.4	5 BUD	14675835

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CRVS	0.25	83.2	Pg	08:08:21.359	0.2					T__	8.4	0.0		___	MLv	0.7	14675837	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 0.7 0																									
STHS	0.55	10.4	Lg	08:08:34.533	-0.4					T__				___			14675838	FDSN	SK	--	BUD	iLoc	EHN	???	_
KECS	0.56	226.0	Pg	08:08:27.595	0.2					T__	6.1	0.9		___	MLv	2.8	14675839	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.56	226.0	Lg	08:08:35.691	-0.2					T__				___			14675840	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Station ML : 2.8 1																									
KOLS	0.78	85.2	Pn	08:08:33.121	-0.0					T__	6.0	10.1		___	MLv	3.9	14675841	FDSN	SK	--	BUD	iLoc	HHE	HHZ	_
(Station ML : 3.9 0																									
PSZ	1.25	220.3	Pg	08:08:41.190	0.1					T__	2.1	0.0		___	MLv	1.8	14675842	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.25	220.3	Lg	08:08:59.497	-0.2					T__				___			14675843	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Station ML : 1.8 1																									
OJC	1.59	328.5	Pg	08:08:46.487	0.3					T__	2.3	0.0		___	MLv	2.1	14675844	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
OJC	1.59	328.5	Lg	08:09:08.802	-0.2					T__				___			14675845	FDSN	PL	--	BUD	iLoc	BHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/07/25	09:12:56.12	3.22	0.15	46.1706	18.2857	98.6	5.0	157	0.0S		4	2	202	0.15	0.25	m	kx	BUD	14676186	iLoc		360
2015/07/25	09:12:56.10f		0.23	46.1765	18.2926f				0.0S		4		204	0.16	0.25	a	kx	BUD_GT	14759251	BUD		360
(GT info : GT2 explosion)																						
(locality : Komló II.)																						

Magnitude	Err	Nsta	Author	OrigID
-----------	-----	------	--------	--------

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KOVH	0.16	236.7	Pg	09:12:59.866	-0.1					T__		0.1		---	MLv	14759466	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	0.16	236.7	Lg	09:13:02.723	-0.3					T__				---		14759467	FDSN	HU	--	BUD	BUD	BHR	???	_
MORH	0.25	80.7	Pg	09:13:01.696	0.1					T__		0.1		---	MLv	14759468	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MORH	0.25	80.7	Lg	09:13:06.264	0.3					T__				---		14759469	FDSN	HU	--	BUD	BUD	BHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/07/28	06:39:53.95	1.43	0.73	48.5207	19.3585	8.4	5.4	6	0.0A		6	4	116	0.35	0.75	m	ke BUD	14676564	iLoc			217

Magnitude	Err	Nsta	Author	OrigID
M	1.7	2	BUD	14676564

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.35	265.8	Pg	06:40:01.316	0.2					T__	3.9	0.0		___	MLv	0.7	14676566	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.35	265.8	Lg	06:40:06.361	-0.0					T__				___			14676567	FDSN	SK	--	BUD	iLoc	HHR	???	_
LANS	0.63	6.5	Lg	06:40:15.101	-0.7					T__				___			14676568	FDSN	SK	--	BUD	iLoc	EHT	???	_
PSZ	0.70	149.1	Lg	06:40:19.107	-0.8					T__				___			14676569	FDSN	GE	--	BUD	iLoc	BHT	???	_
KECS	0.75	92.4	Pg	06:40:09.434	0.6					T__	4.7	0.6		___	MLv	2.7	14676570	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.75	92.4	Lg	06:40:19.895	-0.3					T__				___			14676571	FDSN	SK	--	BUD	iLoc	EHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2015/07/28	09:09:37.80	1.43	0.79	48.5458	20.7910	18.3	4.9	145	0.0S		7	4	173	0.21	1.30	m	kx BUD	14676838	iLoc				315

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.9	3 BUD	14676838

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.21	253.0	Pg	09:09:42.497	0.2					T__	49.9	5.8		___	MLv	2.7	14676840	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	253.0	Lg	09:09:46.477	0.8					T__				___			14676841	FDSN	SK	--	BUD	iLoc	EHR	???	_
(Station ML : 2.7 1																									
CRVS	0.57	51.0	Pg	09:09:49.342	0.6					T__	1.8	0.0		___	MLv	0.9	14676842	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.57	51.0	Lg	09:09:57.608	-0.6					T__				___			14676843	FDSN	SK	--	BUD	iLoc	HHR	???	_
(Station ML : 0.9 1																									
PSZ	0.87	224.0	Pg	09:09:56.410	0.3					T__	1.4	0.0		___	MLv	1.5	14676844	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.87	224.0	Lg	09:10:09.208	-0.4					T__				___			14676845	FDSN	GE	--	BUD	iLoc	BHZ	???	_
(Station ML : 1.5 1																									
VYHS	1.30	268.4	Sn	09:10:20.991	-0.9					T__				___			14676846	FDSN	SK	--	BUD	iLoc	HHT	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2015/07/30	08:57:52.12	1.18	0.67	48.5680	20.7688	21.9	5.9	153	5.0A		7	5	153	0.21	1.29	m	ke BUD	14676860	iLoc				176

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.4	4 BUD	14676860

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.21	245.8	Pg	08:57:56.149	-0.3					T__	74.1	8.0		___	MLv	2.8	14676862	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 2.8 1																									
CRVS	0.57	53.6	Pg	08:58:02.935	0.1					T__	2.5	0.0		___	MLv	0.9	14676863	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.57	53.6	Lg	08:58:11.238	-0.9					T__				___			14676864	FDSN	SK	--	BUD	iLoc	HHZ	???	_
(Station ML : 0.9 1																									
PSZ	0.87	222.3	Pn	08:58:10.699	0.4					T__	1.7	0.0		___	MLv	1.4	14676865	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.4 1																									

KOLS	1.06	69.3	Lg	08:58:29.052	0.0	T__								14676866	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VYHS	1.29	267.4	Pn	08:58:16.710	0.8	T__	1.9	0.0	---	MLv	1.2	14676867	FDSN	SK	--	BUD	iLoc	HHZ	HHZ			_
VYHS	1.29	267.4	Sn	08:58:34.292	-0.4	T__			---			14676868	FDSN	SK	--	BUD	iLoc	HHE	???			_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/07/30	13:28:30.57	1.61	0.71	48.3855	19.6934	8.6	7.2	174	5.0A		5	3	158	0.49	0.58	m	ke BUD	14676886	iLoc			275

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	1.5	3 BUD	14676886

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.49	163.9	Pg	13:28:41.495	0.5				T__		15.5	0.2		---	MLv	2.0	14676888	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.49	163.9	Lg	13:28:48.117	-0.7				T__					---			14676889	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Station ML : 2.0 1																									
KECS	0.54	79.2	Pg	13:28:41.569	0.3				T__		22.1	2.7		---	MLv	3.2	14676890	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.54	79.2	Lg	13:28:48.913	-0.4				T__					---			14676891	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 3.2 1																									
VYHS	0.58	281.1	Pg	13:28:42.470	0.2				T__		2.3	0.0		---	MLv	1.0	14676892	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2015/08/02	23:09:19.35	1.09	0.91	47.4545	18.4038	8.0	5.1	154	13.7F	9.0	12	8	108	0.13	1.25	m	ke BUD	14677079	iLoc					157

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	7 BUD	14677079

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.13	226.8	Pg	23:09:23.445	0.3				T__		83.0	0.5		---	MLv	1.4	14677081	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.13	226.8	Lg	23:09:26.101	0.0				T__					---			14677082	FDSN	HU	--	BUD	iLoc	SHZ	???	_
(Station ML : 1.4 1																									
BUD	0.42	85.8	Lg	23:09:33.449	-1.5				T__					---			14677083	FDSN	HU	--	BUD	iLoc	BHN	???	_
MPLH	0.65	244.5	Pn	23:09:33.496	0.4				T__		1.4	0.0		---	MLv	1.3	14677084	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.3 1																									
TIH	0.66	212.6	Pn	23:09:33.367	0.3				T__		2.2	0.1		---	MLv	2.0	14677085	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 2.0 0																									
EGYH	0.73	267.4	Pg	23:09:33.299	-0.7				T__		2.2	0.1		---	MLv	1.9	14677086	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	0.73	267.4	Lg	23:09:43.217	-1.1				T__					---			14677087	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 1.9 1																									
VYHS	1.08	15.4	Pg	23:09:41.375	0.6				T__		1.4	0.0		---	MLv	1.2	14677088	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.08	15.4	Sn	23:09:54.746	0.5				T__					---			14677089	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 1.2 0																									
PSZ	1.11	64.7	Pg	23:09:41.889	-0.4				T__		2.2	0.0		---	MLv	1.6	14677090	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.6 1																									
MORH	1.25	172.3	Pn	23:09:42.485	1.2				T__		1.5	0.0		---	MLv	1.6	14677091	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.25	172.3	Sn	23:09:58.214	-0.3				T__					---			14677092	FDSN	HU	--	BUD	iLoc	BHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
------	------	-----	-----	----------	-----------	------	------	----	-------	-----	------	------	-----	-------	-------	------	--------	--------	-----	-------	-----	-----

```

2015/08/03 09:17:04.00f 99.99 0.41 46.2108 18.2695 13.8 5.7 156 0.0S 4 2 224 0.17 0.26 m kx BUD 14677122 iLoc 360
2015/08/03 09:17:03.10f 0.24 46.1765 18.2926f 0.0S 4 204 0.16 0.25 a kx BUD_GT 14759253 BUD 360
(locality : Koml6 II.)
(GT info : GT2 explosion)

```

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KOVH	0.16	236.7	Pg	09:17:07.014	0.1					T__		0.3			MLv	14759472	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	0.16	236.7	Lg	09:17:09.888	-0.2					T__						14759473	FDSN	HU	--	BUD	BUD	BHN	???	_
MORH	0.25	80.7	Pg	09:17:08.861	0.3					T__		0.1			MLv	14759474	FDSN	HU	--	BUD	BUD	BHN	BHZ	_
MORH	0.25	80.7	Lg	09:17:12.593	-0.4					T__						14759475	FDSN	HU	--	BUD	BUD	BHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/04	08:43:32.53	1.50	0.50	48.5285	20.8042	18.8	5.0	145	0.0A		6	3	176	0.22	0.86	m	ke BUD	14677319	iLoc			327

Magnitude Err Nsta Author OrigID
ML 1.6 1.1 3 BUD 14677319

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KECS	0.22	258.0	Pg	08:43:36.861	-0.2					T__	30.6	8.0			MLv	2.8 14677321	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.22	258.0	Lg	08:43:40.914	0.4					T__						14677322	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 2.8 1																								
CRVS	0.57	49.1	Pg	08:43:43.941	0.4					T__	2.6	0.0			MLv	0.9 14677323	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.57	49.1	Lg	08:43:52.402	-0.6					T__						14677324	FDSN	SK	--	BUD	iLoc	HHZ	???	_
(Station ML : 0.9 1																								
PSZ	0.86	225.2	Pg	08:43:50.615	-0.1					T__	2.6	0.0			MLv	1.6 14677325	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.86	225.2	Lg	08:44:04.207	0.1					T__						14677326	FDSN	GE	--	BUD	iLoc	BHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/05	12:17:17.50	0.00		47.9500	20.1800				0.0A		7					a	ke PRU	14551163	ISC			360
2015/08/05	12:17:16.83	0.91	1.81	47.9382	20.1303	3.5	2.9	20	9.0F	5.9	48	26	39	0.16	4.51	m	ke BUD	14677340	iLoc			55

Magnitude Err Nsta Author OrigID
ML 2.7 0.2 14 BUD 14677340

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
PSZ	0.16	263.0	Pg	12:17:20.700	-0.3					T__		7.9				14677342	FDSN	IR	--	ISC	iLoc	???	???	_
PSZ	0.16	263.0	Lg	12:17:24.604	0.4					T__						14677343	FDSN	IR	--	ISC	iLoc	???	???	_
PSZ	0.16	263.0	Pb	12:17:21.200	0.2					T__	385.1	7.9			MLv	2.6 14677344	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.16	263.0	Sg	12:17:24.138	-0.0					T__						14677345	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Station ML : 2.6 1																								
BSZH	0.65	171.7	Sn	12:17:42.740	0.7					T__						14677346	FDSN	HU	--	BUD	iLoc	HHE	???	_
BUD	0.87	239.1	Lg	12:17:46.738	-0.8					T__						14677347	FDSN	HU	--	BUD	iLoc	BHN	???	_
BUD	0.87	239.1	Pg	12:17:48.994	14.1					T__						14677348	FDSN	HU	--	BUD	iLoc	BHZ	???	_
VYHS	1.03	303.2	Pg	12:17:37.300	-0.1					T__		0.1				14677349	FDSN	IR	--	ISC	iLoc	???	???	_
VYHS	1.03	303.2	Pn	12:17:35.787	-0.5					T__	11.3	0.1			MLv	2.0 14677350	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.03	303.2	Sn	12:17:49.765	-1.7					T__						14677351	FDSN	SK	--	BUD	iLoc	HHT	???	_

(Station ML : 2.0 0
 LANS 1.29 340.3 Pn 12:17:40.533 0.4
 LANS 1.29 340.3 Pg 12:17:40.800 -1.4
 LANS 1.29 340.3 Sn 12:17:56.348 -2.2
 (Station ML : 2.7 1
 CRVS 1.31 42.1 Pg 12:17:41.800 -0.2
 CRVS 1.31 42.1 Pn 12:17:40.416 -0.1
 CRVS 1.31 42.1 Sn 12:17:59.204 -0.3
 (Station ML : 1.9 0
 LTVH 1.32 114.2 Lg 12:18:03.200 -0.2
 LTVH 1.32 114.2 Pg 12:17:43.439 0.2
 LTVH 1.32 114.2 Sg 12:18:02.727 -0.7
 (Station ML : 2.9 1
 CSKK 1.39 246.2 Pg 12:17:43.222 -1.4
 CSKK 1.39 246.2 Pb 12:17:43.700 -0.9
 (Station ML : 2.7 1
 NIE 1.49 4.3 Pg 12:17:47.400 2.1
 TRPA 1.63 82.3 Sn 12:18:08.588 1.4
 TRPA 1.63 82.3 Lg 12:18:08.831 -4.7
 STHS 1.65 26.1 Pg 12:17:46.978 -1.1
 (Station ML : 3.0 0
 KOLS 1.74 54.3 Pn 12:17:47.603 0.9
 (Station ML : 4.8 0
 JAVC 1.88 300.3 Pn 12:17:50.200 1.7
 MPLH 1.92 247.3 Pg 12:17:53.800 -0.9
 MPLH 1.92 247.3 Pb 12:17:54.400 -0.3
 MPLH 1.92 247.3 Pn 12:17:54.620 5.9
 (Station ML : 2.6 1
 SIRR 1.97 147.4 Pn 12:17:50.200 0.6
 SIRR 1.97 147.4 Pg 12:17:50.535 -5.8
 SIRR 1.97 147.4 Pb 12:17:55.700 -0.6
 SIRR 1.97 147.4 x 12:17:50.315 -99.0
 MORH 2.00 211.1 Pn 12:17:49.873 0.1
 MORH 2.00 211.1 Pg 12:17:55.458 -1.3
 MORH 2.00 211.1 Pb 12:17:50.300 -6.4
 MORH 2.00 211.1 Pn 12:17:50.811 1.0
 MORH 2.00 211.1 x 12:17:55.300 -99.0
 MORH 2.00 211.1 x 12:17:55.600 -99.0
 MORH 2.00 211.1 Sn 12:18:16.963 1.9
 (Station ML : 2.4 1
 DRGR 2.10 122.2 Pn 12:17:52.060 0.4
 (Station ML : 2.7 1
 KOVH 2.31 217.6 Pg 12:18:01.030 -1.7
 (Station ML : 2.4 1
 MORC 2.51 318.1 Pg 12:18:03.399 -1.2
 MORC 2.51 318.1 Pn 12:17:59.580 2.5
 MORC 2.51 318.1 Pb 12:18:02.900 -1.7
 MORC 2.51 318.1 Sn 12:18:33.100 4.2
 BZS 2.54 155.4 Pn 12:17:58.700 1.3
 (Station ML : 2.5 1
 KRUC 2.73 295.7 Pn 12:18:01.600 1.6
 ARCR 2.99 105.0 Pg 12:18:18.519 4.2
 GZR 3.13 143.4 Pn 12:18:05.579 -0.4

T__	24.2	0.3	---	MLv	2.7	14677352	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
T__		0.3	---			14677353	FDSN	IR	--	ISC	iLoc	???	???	_
T__			---			14677354	FDSN	SK	--	BUD	iLoc	EHZ	???	_
T__		0.1	---			14677355	FDSN	IR	--	ISC	iLoc	???	???	_
T__	9.3	0.0	---	MLv	1.9	14677356	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
T__			---			14677357	FDSN	SK	--	BUD	iLoc	HHR	???	_
T__			---			14677358	FDSN	IR	--	ISC	iLoc	???	???	_
T__	4.1	0.4	---	MLv	2.9	14677359	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
T__			---			14677360	FDSN	HU	--	BUD	iLoc	SHT	???	_
T__	13.1	0.3	---	MLv	2.7	14677361	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
T__		0.3	---			14677362	FDSN	IR	--	ISC	iLoc	???	???	_
T__			---			14677363	FDSN	IR	--	ISC	iLoc	???	???	_
T__			---			14677364	FDSN	IR	--	ISC	iLoc	???	???	_
T__			---			14677365	FDSN	HU	--	BUD	iLoc	BHT	???	_
T__	5.9	0.4	---	MLv	3.0	14677366	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
T__	15.9	21.2	---	MLv	4.8	14677367	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
T__			---			14677368	FDSN	IR	--	ISC	iLoc	???	???	_
T__			---			14677369	FDSN	IR	--	ISC	iLoc	???	???	_
T__			---			14677370	FDSN	IR	--	ISC	iLoc	???	???	_
---	5.9	0.1	---	MLv	2.6	14677371	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
T__			---			14677372	FDSN	IR	--	ISC	iLoc	???	???	_
---			---			14677373	FDSN	IR	--	ISC	iLoc	???	???	_
T__		0.1	---			14677374	FDSN	IR	--	ISC	iLoc	???	???	_
---	4.0	0.1	---	MLv		14677375	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
T__	3.3	0.1	---	MLv	2.4	14677376	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
T__			---			14677377	FDSN	HU	--	BUD	iLoc	BHZ	???	_
---			---			14677378	FDSN	IR	--	ISC	iLoc	???	???	_
---			---			14677379	FDSN	IR	--	ISC	iLoc	???	???	_
---			---			14677380	FDSN	IR	--	ISC	iLoc	???	???	_
---			---			14677381	FDSN	IR	--	ISC	iLoc	???	???	_
T__			---			14677382	FDSN	IR	--	ISC	iLoc	???	???	_
T__	5.4	0.1	---	MLv	2.7	14677383	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
T__	2.6	0.0	---	MLv	2.4	14677384	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
T__			---			14677385	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
T__			---			14677386	FDSN	IR	--	ISC	iLoc	???	???	_
T__			---			14677387	FDSN	IR	--	ISC	iLoc	???	???	_
T__			---			14677388	FDSN	IR	--	ISC	iLoc	???	???	_
T__	2.9	0.0	---	MLv	2.5	14677389	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
T__			---			14677390	FDSN	IR	--	ISC	iLoc	???	???	_
T__			---			14677391	FDSN	RO	--	BUD	iLoc	BHZ	???	_
T__			---			14677392	FDSN	IR	--	ISC	iLoc	???	???	_

GZR	3.13	143.4	Pg	12:18:07.478	-10.6	---	4.9	0.0	---	MLv	2.9	14677393	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	3.13	143.4	Sn	12:18:43.284	-0.2	T_			---			14677394	FDSN	RO	--	BUD	iLoc	BHZ	???	_
(Station ML : 2.9 1																				
BURAR	3.43	93.0	Pn	12:18:10.995	0.1	T_			---			14677395	FDSN	RO	--	BUD	iLoc	BHZ	???	_
DPC	3.48	315.4	Pn	12:18:12.400	1.9	T_			---			14677396	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	4.51	287.8	Pn	12:18:25.200	0.4	T_			---			14677397	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	4.51	287.8	Sn	12:19:22.300	5.6	T_			---			14677398	FDSN	IR	--	ISC	iLoc	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/06	05:21:24.25	1.33	0.75	47.4193	19.9752	9.4	5.1	49	4.5F	12.6	9	6	103	0.23	1.51	m	ke BUD	14677463	iLoc			200

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	4 BUD	14677463

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BSZH	0.23	121.0	Pg	05:21:29.177	-0.3				T_		2.9	0.3		_d_	MLv	1.4	14677465	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	0.23	121.0	Lg	05:21:33.439	-0.2				T_					---		14677466	FDSN	HU	--	BUD	iLoc	HHR	???	_	
(Station ML : 1.4 1																									
PSZ	0.50	353.8	Pg	05:21:34.790	-0.2				T_		4.3	0.1		---	MLv	1.4	14677467	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.50	353.8	Lg	05:21:42.653	-0.4				T_					---		14677468	FDSN	GE	--	BUD	iLoc	BHR	???	_	
(Station ML : 1.4 1																									
BUD	0.65	276.0	Lg	05:21:47.694	-0.1				T_					---		14677469	FDSN	HU	--	BUD	iLoc	BHR	???	_	
KECS	1.12	17.7	Pg	05:21:46.681	0.4				T_		3.0	0.4		---	MLv	2.7	14677470	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 2.7 1																									
CSKK	1.17	267.9	Sn	05:22:01.901	-1.3				T_					---		14677471	FDSN	HU	--	BUD	iLoc	SHR	???	_	
MORH	1.51	217.7	Pn	05:21:51.706	0.8				T_		1.4	0.0		---	MLv	1.6	14677472	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.51	217.7	Sn	05:22:11.493	0.0				T_					---		14677473	FDSN	HU	--	BUD	iLoc	BHR	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/07	08:23:56.78	1.17	0.48	47.0861	18.0683	7.3	5.5	102	5.0A		9	5	130	0.22	1.00	m	ke BUD	14677601	iLoc			231

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	5 BUD	14677601

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
TIH	0.22	213.7	Pg	08:24:01.884	0.3				T_		4.1	1.2		---	MLv	2.0	14677603	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 2.0 0																									
CSKK	0.31	25.2	Pg	08:24:03.205	0.0				T_		9.3	0.2		---	MLv	1.4	14677604	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.31	25.2	Lg	08:24:07.990	-0.0				T_					---		14677605	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 1.4 1																									
MPLH	0.37	283.3	Pg	08:24:03.992	-0.4				T_		7.2	0.1		---	MLv	1.4	14677606	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.37	283.3	Lg	08:24:10.410	0.4				T_					---		14677607	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.4 1																									
MORH	0.96	155.3	Pn	08:24:15.513	-0.1				T_		1.8	0.0		---	MLv	1.3	14677608	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.96	155.3	Lg	08:24:29.897	0.2				T_					---		14677609	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
(Station ML : 1.3 0																									
KOVH	1.00	178.7	Pn	08:24:16.597	0.3				T_		2.8	0.0		---	MLv	1.6	14677610	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.00	178.7	Lg	08:24:30.244	-0.9				T_					---		14677611	FDSN	HU	--	BUD	iLoc	BHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/10	09:39:07.75	1.33	0.45	48.5488	20.7849	12.2	4.2	146	6.9F	12.4	10	6	155	0.21	1.30	m	ke BUD	14677719	iLoc			183

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.7	4 BUD	14677719

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.21	251.9	Pg	09:39:12.000	-0.2					T__	79.9	10.6		---	MLv	2.9	14677721	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	251.9	Lg	09:39:15.918	0.3					T__				---		14677722	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
(Station ML : 2.9 1																									
CRVS	0.57	51.4	Pg	09:39:19.117	0.5					T__	3.2	0.0		---	MLv	0.9	14677723	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.57	51.4	Lg	09:39:27.466	-0.4					T__				---		14677724	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 0.9 1																									
PSZ	0.87	223.7	Pg	09:39:26.194	0.3					T__	3.4	0.1		---	MLv	1.8	14677725	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.87	223.7	Lg	09:39:38.843	-0.0					T__				---		14677726	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1																									
STHS	0.92	19.0	Lg	09:39:38.714	0.1					T__				---		14677727	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
KOLS	1.06	68.1	Lg	09:39:43.870	-0.7					T__				---		14677728	FDSN	SK	--	BUD	iLoc	HHE	???	_	
VYHS	1.30	268.3	Pg	09:39:33.230	-0.1					T__	2.4	0.0		---	MLv	1.3	14677729	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.30	268.3	Sn	09:39:50.195	-0.0					T__				---		14677730	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/10	12:32:29.40	1.20	0.50	48.3802	17.2545	7.0	4.4	93	7.9F	9.3	14	11	74	0.21	2.00	m	ke BUD	14677748	iLoc			116

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.7	3 BUD	14677748

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ZST	0.21	208.9	Pg	12:32:33.843	-0.2					T__	18.8	10.9		---	MLv	2.9	14677750	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.21	208.9	Lg	12:32:37.798	0.3					T__				---		14677751	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 2.9 1																									
JAVC	0.55	29.8	Pg	12:32:40.391	-0.2					T__				---		14677752	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
JAVC	0.55	29.8	Lg	12:32:48.936	0.1					T__				---		14677753	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
KRUC	0.89	320.5	Pg	12:32:45.839	-0.4					T__				---		14677754	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
EGYH	0.97	176.9	Lg	12:33:00.807	-1.0					T__				---		14677755	FDSN	HU	--	BUD	iLoc	SHN	???	_	
VRAC	1.03	335.1	Pn	12:32:48.955	-0.1					T__				---		14677756	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
VRAC	1.03	335.1	Lg	12:33:02.462	-0.4					T__				---		14677757	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
VYHS	1.06	83.2	Pn	12:32:49.570	-0.0					T__	3.1	0.0		---	MLv	1.4	14677758	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.4 1																									
CSKK	1.22	146.0	Lg	12:33:10.300	0.2					T__				---		14677759	FDSN	HU	--	BUD	iLoc	SHZ	???	_	
MPLH	1.23	170.9	Pn	12:32:52.198	0.3					T__	3.2	0.1		---	MLv	1.9	14677760	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.9 1																									
MORC	1.41	7.6	Pn	12:32:55.086	0.5					T__				---		14677761	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
TREC	1.48	308.8	Sn	12:33:15.551	0.1					T__				---		14677762	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
CKRC	2.00	283.8	Sn	12:33:28.957	0.7					T__				---		14677763	FDSN	CZ	--	BUD	iLoc	BHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/10	21:51:04.18	1.83	0.21	47.3167	18.2991	18.3	9.6	93	0.0S		4	3	197	0.05	1.13	m	kx BUD	14677869	iLoc			283

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.3	3 BUD	14677869

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.05	330.6	Pg	21:51:05.960	0.0					T__	311.8	2.1		---	MLv	1.8	14677871	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.05	330.6	Lg	21:51:07.276	-0.2					T__					---		14677872	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 1.8 1																									
MPLH	0.54	254.5	Pg	21:51:15.326	0.0					T__	1.3	0.0		---	MLv	1.1	14677873	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.1 1																									
MORH	1.13	167.7	Pg	21:51:29.419	2.8					---	1.3	0.0		---	MLv	1.3	14677874	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.13	167.7	Sn	21:51:43.346	-0.1					T__					---		14677875	FDSN	HU	--	BUD	iLoc	BHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2015/08/11	06:33:02.81	6.71	0.85	47.8460	20.0678	48.0	10.8	155	8.4F	9.4	6	4	278	0.14	1.37	m	kx BUD	14677889	iLoc			318	
2015/08/11	06:33:03.40f		0.89	47.8987	20.0893f				0.0S		6		254	0.13	1.32	a	kx BUD_GT	14759255	BUD			296	
(locality : Recsk)																							
(GT info : GT2 explosion)																							

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	3 BUD	14677889
ML	1.6	0.3	3 BUD	14759255

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
PSZ	0.13	278.6	Pg	06:33:06.585	-0.3					T__		0.8		---	MLv	14759478	FDSN	GE	--	BUD	BUD	BHZ	BHZ	_
PSZ	0.13	278.6	Lg	06:33:09.421	-0.2					T__					---	14759479	FDSN	GE	--	BUD	BUD	BHZ	???	_
KECS	0.64	24.2	Lg	06:33:26.534	0.4					T__					---	14759480	FDSN	SK	--	BUD	BUD	EHE	???	_
VYHS	1.03	305.9	Pn	06:33:24.169	0.0					T__		0.0		---	MLv	14759481	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	1.03	305.9	Lg	06:33:37.388	-1.8					T__					---	14759482	FDSN	SK	--	BUD	BUD	HHN	???	_
LANS	1.32	342.0	Pg	06:33:30.343	1.1					T__		0.0		---	MLv	14759483	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/11	08:36:22.34	0.16	0.29	46.0608	22.0685	1.6	1.3	100	9.2F	2.2	13		92	0.35	1.34	a	ke BUC	14551514	ISC			360
2015/08/11	08:36:21.75	0.99	0.76	46.0870	22.0838	5.2	4.2	97	5.0F	10.5	22	7	89	0.34	1.34	m	ke BUD	14677910	iLoc			177

Magnitude	Err	Nsta	Author	OrigID
ml	1.3		BUC	14551514
ML	1.5	0.2	3 BUD	14677910

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
SIRR	0.34	301.5	Pg	08:36:28.992	-0.0					T__	10.4	0.2		---	MLv	1.5	14677912	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.34	301.5	Lg	08:36:34.450	-0.1					T__					---		14677913	FDSN	RO	--	BUD	iLoc	BHE	???	_
SIRR	0.35	301.7	Sg	08:36:34.597	0.0					T__					---		14677914	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.5 1																									
BZS	0.56	213.7	Pg	08:36:33.700	0.8					T__	2.7	0.0		---	MLv	1.3	14677915	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_

BZS	0.56	213.7	Lg	08:36:41.204	0.1	T__	---	14677916	FDSN	RO	--	BUD	iLoc	BHN	???	_				
BZS	0.57	214.9	Pb	08:36:32.833	-0.2	T__	---	14677917	FDSN	IR	--	ISC	iLoc	???	???	_				
BZS	0.57	214.9	Sg	08:36:39.710	-1.7	T__	---	14677919	FDSN	IR	--	ISC	iLoc	???	???	_				
(Station ML : 1.3 1																				
DRGR	0.83	31.4	Pg	08:36:39.132	0.8	T__	---	14677920	FDSN	IR	--	ISC	iLoc	???	???	_				
DRGR	0.83	31.4	Lg	08:36:50.522	-1.2	T__	---	14677922	FDSN	IR	--	ISC	iLoc	???	???	_				
GZR	0.85	144.8	Pg	08:36:38.570	0.5	T__	4.3	0.0	---	MLv	1.6	14677923	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	0.85	144.8	Lg	08:36:50.340	0.1	T__	---	14677924	FDSN	RO	--	BUD	iLoc	BHN	???	_				
(Station ML : 1.6 1																				
HERR	1.23	168.9	Pg	08:36:45.864	0.6	T__	---	14677925	FDSN	IR	--	ISC	iLoc	???	???	_				
HERR	1.23	168.9	Sn	08:37:01.991	-0.4	T__	---	14677927	FDSN	IR	--	ISC	iLoc	???	???	_				
MDVR	1.33	191.4	Pn	08:36:46.643	0.5	T__	---	14677928	FDSN	IR	--	ISC	iLoc	???	???	_				
MDVR	1.33	191.4	Sn	08:37:05.237	-0.1	T__	---	14677930	FDSN	IR	--	ISC	iLoc	???	???	_				
LOT	1.34	117.8	Sn	08:37:05.984	0.1	T__	---	14677931	FDSN	IR	--	ISC	iLoc	???	???	_				
LOT	1.34	117.9	Lg	08:37:05.736	-1.4	T__	---	14677933	FDSN	RO	--	BUD	iLoc	BHN	???	_				

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/12	07:57:16.17	1.15	0.39	47.0978	17.9946	6.9	6.0	57	0.0S		8	4	118	0.32	1.01	m	kx	BUD	14678025	iLoc		229

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	4 BUD	14678025

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MPLH	0.32	283.3	Pg	07:57:22.686	-0.4					T__	9.2	0.1		---	MLv	1.3	14678027	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.32	283.3	Lg	07:57:29.113	0.7					T__				---		14678028	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.3 1																									
CSKK	0.32	34.2	Pg	07:57:23.264	0.1					T__	7.9	0.1		---	MLv	1.3	14678029	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.32	34.2	Lg	07:57:28.292	-0.2					T__				---		14678030	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 1.3 1																									
MORH	0.99	152.9	Pg	07:57:35.976	-0.0					T__	1.6	0.0		---	MLv	1.4	14678031	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.99	152.9	Lg	07:57:50.957	0.1					T__				---		14678032	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
(Station ML : 1.4 1																									
KOVH	1.01	175.8	Pn	07:57:36.685	-0.1					T__	1.7	0.0		---	MLv	1.5	14678033	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.01	175.8	Sn	07:57:52.981	0.0					T__				---		14678034	FDSN	HU	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/12	13:12:02.20	0.32		45.5000	17.3500	0.0	0.0		5.0A		10			0.58	1.76	a	ke	RHSSO	14551635	ISC		360
2015/08/12	13:12:00.16	1.44	0.80	45.5539	17.3022	5.7	3.9	152	0.2F	2.6	26	13	84	0.39	2.45	m	ke	BUD	14678052	iLoc		131

Magnitude	Err	Nsta	Author	OrigID
ML	1.7		RHSSO	14551635
ML	1.8	0.1	3 BUD	14678052

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
MOSL	0.39	279.0	Pg	13:12:08.150	-0.3					T__				---		14678054	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	0.39	279.0	Lg	13:12:13.280	-1.4					T__				---		14678055	FDSN	IR	--	ISC	iLoc	???	???	_
MRAK	0.61	207.8	Pg	13:12:12.100	-0.2					T__				---		14678056	FDSN	IR	--	ISC	iLoc	???	???	_
MRAK	0.61	207.8	Lg	13:12:21.400	-0.0					T__				---		14678057	FDSN	IR	--	ISC	iLoc	???	???	_

BLY	0.77	186.4	Pg	13:12:15.746	0.5	T__	2.2	0.1	___	MLv	1.7	14678058	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
(Station ML	:	1.7	1																	
KOVH	0.77	45.9	Pg	13:12:15.932	-0.1	T__	4.2	0.1	___	MLv	1.9	14678059	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.77	45.9	Lg	13:12:28.955	0.9	T__			---			14678060	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML	:	1.9	1																	
BLY	0.81	186.0	Pb	13:12:15.500	-0.4	T__			---			14678061	FDSN	IR	--	ISC	iLoc	???	???	_
BLY	0.81	186.0	Lg	13:12:27.000	-0.7	T__			---			14678062	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	0.83	314.6	Pg	13:12:17.940	0.7	T__			---			14678063	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	0.83	314.6	Lg	13:12:30.500	0.5	T__			---			14678064	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	0.99	338.4	Pn	13:12:21.300	0.5	T__			---			14678065	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	0.99	338.4	Lg	13:12:35.600	0.3	T__			---			14678066	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	1.15	54.3	Pn	13:12:22.700	0.0	T__			---			14678067	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	1.15	54.3	Sn	13:12:38.600	-1.6	T__			---			14678068	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	1.15	54.3	Pg	13:12:22.835	-0.4	T__	2.4	0.0	---	MLv	1.8	14678069	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.15	54.3	Lg	13:12:38.899	-1.2	T__			---			14678070	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML	:	1.8	1																	
FRGS	1.81	101.7	Pn	13:12:33.600	1.6	T__			---			14678071	FDSN	IR	--	ISC	iLoc	???	???	_
FRGS	1.81	101.7	Sn	13:12:56.500	-0.0	T__			---			14678072	FDSN	IR	--	ISC	iLoc	???	???	_
MORI	2.04	214.5	Pn	13:12:36.890	0.8	T__			---			14678073	FDSN	IR	--	ISC	iLoc	???	???	_
MORI	2.04	214.5	Sn	13:13:04.180	1.1	T__			---			14678074	FDSN	IR	--	ISC	iLoc	???	???	_
DUGI	2.23	226.5	Pn	13:12:38.880	-0.1	T__			---			14678075	FDSN	IR	--	ISC	iLoc	???	???	_
DUGI	2.23	226.5	Sn	13:13:08.290	0.1	T__			---			14678076	FDSN	IR	--	ISC	iLoc	???	???	_
ZIRJ	2.24	212.5	Pn	13:12:38.740	-0.3	T__			---			14678077	FDSN	IR	--	ISC	iLoc	???	???	_
ZIRJ	2.24	212.5	Sn	13:13:07.870	-0.4	T__			---			14678078	FDSN	IR	--	ISC	iLoc	???	???	_
HVAR	2.45	194.7	Sn	13:13:14.610	0.7	T__			---			14678079	FDSN	IR	--	ISC	iLoc	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/13	06:29:55.51	5.11	0.49	47.7937	20.0380	34.6	9.5	167	8.8F	9.1	7	4	288	0.16	1.41	m	kx	BUD	14678093	iLoc		326
2015/08/13	06:29:56.83f		1.25	47.8987	20.0893f				0.0S		7		254	0.13	1.32	a	kx	BUD_GT	14759257	BUD		296

(GT info : GT2 explosion)
(locality : Recsk)

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.8	3 BUD	14678093
ML	1.8	0.8	3 BUD	14759257

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
PSZ	0.13	278.6	Pg	06:29:59.776	-0.5					T__		1.2		---	MLv	14759486	FDSN	GE	--	BUD	BUD	BHZ	BHZ	_
PSZ	0.13	278.6	Lg	06:30:02.537	-0.5					T__				---		14759487	FDSN	GE	--	BUD	BUD	BHN	???	_
KECS	0.64	24.2	Pg	06:30:10.485	0.8					T__		0.4		---	MLv	14759488	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.64	24.2	Lg	06:30:21.641	2.1					T__				---		14759489	FDSN	SK	--	BUD	BUD	EHZ	???	_
VYHS	1.03	305.9	Pg	06:30:17.182	-0.3					T__		0.0		---	MLv	14759490	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	1.03	305.9	Lg	06:30:30.559	-2.1					T__				---		14759491	FDSN	SK	--	BUD	BUD	HHN	???	_
LANS	1.32	342.0	Pg	06:30:23.667	1.0					T__				---		14759492	FDSN	SK	--	BUD	BUD	EHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/13	08:14:38.60	3.46	0.33	45.9809	18.3627	34.1	6.9	170	0.0A		4	2	260	0.21	0.31	m	kx	BUD	14678115	iLoc		360
2015/08/13	08:14:38.75f		0.25	46.1765	18.2926f				0.0S		4		204	0.16	0.25	a	kx	BUD_GT	14759345	BUD		360

(locality : Komló II.)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KOVH	0.16	236.7	Pg	08:14:42.568	-0.0					T__		0.2		---	MLv	14759495	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
KOVH	0.16	236.7	Lg	08:14:45.634	-0.1					T__				---		14759496	FDSN	HU	--	BUD	BUD	BHN	???	_
MORH	0.25	80.7	Pg	08:14:44.570	0.3					T__		0.1		---	MLv	14759497	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MORH	0.25	80.7	Lg	08:14:48.222	-0.4					T__				---		14759498	FDSN	HU	--	BUD	BUD	BHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/13	09:33:08.78	0.92	0.95	48.8338	20.4327	4.5	3.6	82	11.0F	18.1	23	12	91	0.35	5.39	m	ke	BUD	14678270	iLoc		100

Magnitude Err Nsta Author OrigID

ML 2.4 0.2 6 BUD 14678270

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KECS	0.35	174.3	Pg	09:33:16.067	-0.0					T__	42.8	5.2		---	MLv	3.0 14678272	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.35	174.3	Pb	09:33:20.000	3.9					---		5.2		---		14678273	FDSN	IR	--	ISC	iLoc	???	???	_
KECS	0.35	174.3	Lg	09:33:21.721	0.1					T__				---		14678274	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Station ML : 3.0 1																								
NIE	0.59	352.4	Pg	09:33:20.185	0.1					T__	5.7	0.1		---	MLv	1.7 14678275	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.59	351.5	Pb	09:33:20.500	0.4					T__		0.1		---		14678276	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.7 0																								
CRVS	0.68	83.9	Pg	09:33:21.300	-0.4					T__		0.0		---		14678277	FDSN	IR	--	ISC	iLoc	???	???	_
LANS	0.71	296.9	Pn	09:33:22.765	-1.3					T__	12.7	0.2		---	MLv	2.2 14678278	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.71	296.9	Pg	09:33:24.400	1.6					T__		0.2		---		14678279	FDSN	IR	--	ISC	iLoc	???	???	_
LANS	0.71	296.9	Lg	09:33:33.168	0.1					T__				---		14678280	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 2.2 1																								
STHS	0.79	42.1	Pn	09:33:30.400	5.1					---				---		14678281	FDSN	IR	--	ISC	iLoc	???	???	_
PSZ	0.98	201.6	Pg	09:33:30.600	1.4					T__				---		14678282	FDSN	IR	--	ISC	iLoc	???	???	_
PSZ	0.98	201.6	Pb	09:33:29.439	0.2					T__	8.1	0.2		---	MLv	2.3 14678283	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.98	201.6	Lg	09:33:43.710	0.3					T__				---		14678284	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML : 2.3 1																								
VYHS	1.11	252.8	Lg	09:33:45.798	-0.5					T__				---		14678285	FDSN	SK	--	BUD	iLoc	HHN	???	_
KOLS	1.22	84.6	Pg	09:33:31.959	0.4					T__	4.4	16.4		---	MLv	4.4 14678286	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
KOLS	1.22	84.6	Pb	09:33:49.300	17.7					---				---		14678287	FDSN	IR	--	ISC	iLoc	???	???	_
KOLS	1.22	84.6	Lg	09:33:49.645	-0.9					T__				---		14678288	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 4.4 0																								
OJC	1.45	343.6	Pg	09:33:35.952	-0.5					T__	6.3	0.1		---	MLv	2.5 14678289	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
OJC	1.45	343.6	Pb	09:33:36.500	0.1					T__				---		14678290	FDSN	IR	--	ISC	iLoc	???	???	_
OJC	1.45	343.6	Pn	09:33:36.670	2.0					T__				---		14678291	FDSN	IR	--	ISC	iLoc	???	???	_
OJC	1.45	343.6	Lg	09:33:55.470	-1.3					T__				---		14678292	FDSN	PL	--	BUD	iLoc	BHN	???	_
OJC	1.45	343.6	Sg	09:33:56.560	-0.3					T__				---		14678293	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.5 1																								
BSZH	1.54	184.2	Pg	09:33:39.400	-0.5					T__				---		14678294	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	1.82	271.8	Pg	09:33:43.100	-1.2					T__				---		14678295	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	2.11	297.6	Pg	09:33:46.700	-1.3					T__				---		14678296	FDSN	IR	--	ISC	iLoc	???	???	_
CLL	5.39	300.2	Lg	09:35:59.000	0.6					T__				---		14678297	FDSN	IR	--	ISC	iLoc	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/15	15:33:25.40	0.08	0.22	47.9351	16.3841	0.9	0.5	100	14.9F	1.0	22		132	0.28	2.00	a	ke IPEC	14551718	ISC			360
2015/08/15	15:33:26.90	0.00		48.0100	16.2900				14.0A		19					a	ke PRU	14551716	ISC			360
2015/08/15	15:33:25.13	0.18	0.48	47.9329	16.3688	1.4	1.3	150	13.9F	1.5	19		3	0.34	1.55	a	ke VIE	14551712	ISC			360
2015/08/15	15:33:24.98	1.03	0.83	47.9341	16.3413	3.3	2.8	114	7.4F	7.2	51	26	46	0.29	4.01	m	ke BUD	14678327	iLoc			66

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		IPEC	14551718
mb	1.5		VIE	14551712
ml	2.3		VIE	14551712
ML	2.0	0.2	8 BUD	14678327

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SOP	0.29	149.7	Pg	15:33:31.239	0.2					T__	19.7	0.4		---	MLv	1.7	14678329	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.29	149.7	Lg	15:33:35.162	-0.4					T__				---			14678330	FDSN	HU	--	BUD	iLoc	BHZ	???	_
(Station ML : 1.7 1																									
CONA	0.32	269.1	Pg	15:33:32.785	1.1					T__	69.9	3.2	0.04	---			14678331	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	0.32	269.1	Lg	15:33:37.839	1.0					T__		16.2	0.10	---			14678332	FDSN	IR	--	ISC	iLoc	???	???	_
ZST	0.57	62.5	Pg	15:33:35.999	-0.6					T__	5.9	1.5		---	MLv	3.0	14678333	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.57	62.5	Lg	15:33:43.975	-1.0					T__				---			14678334	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 3.0 0																									
EGYH	0.85	127.4	x	15:35:44.610	-99.0					---				---			14678335	FDSN	HU	--	BUD	iLoc	SHZ	???	_
ARSA	0.88	219.3	Pg	15:33:42.394	0.3					T__	17.2	1.1	0.07	---			14678336	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	0.88	219.3	Lg	15:33:54.378	-0.2					T__		12.3	0.12	---			14678337	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	0.88	219.3	Pn	15:33:43.010	0.4					T__	5.1	0.1		---	MLv	2.0	14678338	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	0.88	219.3	Sg	15:33:52.915	-1.6					T__				---			14678339	FDSN	OE	--	BUD	iLoc	BHN	???	_
(Station ML : 2.0 1																									
MPLH	1.11	132.8	Pg	15:33:47.191	0.1					T__	4.3	0.1		---	MLv	2.0	14678340	FDSN	HU	--	BUD	iLoc	BHN	BHZ	_
MPLH	1.11	132.8	Sn	15:34:01.422	-0.9					T__				---			14678341	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 2.0 1																									
KRUC	1.13	1.8	Pn	15:33:46.500	0.4					T__				---			14678342	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.13	1.8	Lg	15:34:00.800	-1.1					T__		16.1	0.16	---			14678344	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.13	1.8	Pg	15:33:46.756	0.2					T__				---			14678345	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
KRUC	1.13	1.8	Sg	15:34:01.486	-0.4					T__				---			14678346	FDSN	CZ	--	BUD	iLoc	BHN	???	_
JAVC	1.28	43.3	Pg	15:33:51.194	0.9					T__				---			14678347	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
JAVC	1.28	43.3	Lg	15:34:09.140	1.5					T__				---			14678348	FDSN	CZ	--	BUD	iLoc	BHN	???	_
VRAC	1.39	6.8	Pn	15:33:50.471	0.8					T__				---			14678349	FDSN	CZ	--	BUD	iLoc	BHN	???	_
VRAC	1.39	6.8	Sn	15:34:08.417	-0.2					T__				---			14678350	FDSN	CZ	--	BUD	iLoc	BHN	???	_
MOA	1.40	267.3	Pg	15:33:51.759	-0.4					T__	17.4	3.7	0.22	---			14678351	FDSN	IR	--	ISC	iLoc	???	???	_
MOA	1.40	267.3	Lg	15:34:11.596	0.4					T__		6.9	0.15	---			14678352	FDSN	IR	--	ISC	iLoc	???	???	_
CSKK	1.42	113.1	Pg	15:33:52.931	0.0					T__	3.5	0.0		---	MLv	1.9	14678353	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 1.9 1																									
TREC	1.48	337.7	Sn	15:34:12.163	1.1					T__				---			14678354	FDSN	CZ	--	BUD	iLoc	BHN	???	_
KOGS	1.49	182.4	Pg	15:33:55.375	1.2					T__	2.4	0.2		---	MLv	2.7	14678355	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.49	182.4	Lg	15:34:13.707	-0.8					T__				---			14678356	FDSN	SL	--	BUD	iLoc	BHE	???	_
(Station ML : 2.7 1																									
SOKA	1.54	215.8	Pg	15:33:54.640	0.1					T__		0.7	0.22	---			14678357	FDSN	IR	--	ISC	iLoc	???	???	_
SOKA	1.54	215.8	Sn	15:34:13.530	0.6					T__		0.9	0.20	---			14678358	FDSN	IR	--	ISC	iLoc	???	???	_
CKRC	1.62	304.0	Pg	15:33:55.761	0.1					T__				---			14678359	FDSN	CZ	--	BUD	iLoc	BHN	???	_
CKRC	1.62	304.0	Lg	15:34:16.666	-0.5					T__				---			14678360	FDSN	CZ	--	BUD	iLoc	BHN	???	_
CKRC	1.62	304.0	Pb	15:33:55.500	-0.2					T__				---			14678361	FDSN	IR	--	ISC	iLoc	???	???	_

VYHS	1.76	70.5	Pg	15:33:59.299	-0.2	T__	1.1	0.0	___	MLv	1.6	14678362	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.76	70.5	Sn	15:34:18.017	0.3	T__			___			14678363	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 1.6 0)																				
OBKA	1.88	221.3	Pg	15:34:01.645	0.8	T__	1.7	0.0	___	MLv	2.2	14678364	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.2 1)																				
MORC	2.01	22.8	Pn	15:33:59.000	0.6	T__			___			14678365	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	2.01	22.8	Pn	15:33:59.100	0.6	T__			___			14678366	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	2.01	22.8	Sn	15:34:24.400	0.3	T__		3.4	0.27	___		14678367	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	2.01	22.8	Sn	15:34:24.500	0.3	T__			___			14678368	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	2.19	304.1	Lg	15:34:33.700	-1.6	T__		11.2	0.40	___		14678369	FDSN	IR	--	ISC	iLoc	???	???	_
PBCC	2.34	319.4	Lg	15:34:38.000	-1.6	T__		3.5	0.50	___		14678370	FDSN	IR	--	ISC	iLoc	???	???	_
PRU	2.37	330.7	Pg	15:34:08.700	-1.1	T__			___			14678371	FDSN	IR	--	ISC	iLoc	???	???	_
PRU	2.37	330.7	Lg	15:34:39.400	-0.9	T__		9.1	0.30	___		14678372	FDSN	IR	--	ISC	iLoc	???	???	_
DPC	2.42	359.7	Pg	15:34:09.400	0.0	T__			___			14678373	FDSN	IR	--	ISC	iLoc	???	???	_
DPC	2.42	359.7	Lg	15:34:41.200	0.6	T__		4.8	0.50	___		14678374	FDSN	IR	--	ISC	iLoc	???	???	_
PRA	2.48	330.3	Lg	15:34:44.000	0.5	T__		11.6	0.60	___		14678375	FDSN	IR	--	ISC	iLoc	???	???	_
UPC	2.58	355.3	Lg	15:34:46.100	0.7	T__		5.2	0.40	___		14678376	FDSN	IR	--	ISC	iLoc	???	???	_
OSTC	2.63	358.3	Pg	15:34:13.500	0.5	T__			___			14678377	FDSN	IR	--	ISC	iLoc	???	???	_
OSTC	2.63	358.3	Lg	15:34:48.600	1.8	T__		8.4	0.70	___		14678378	FDSN	IR	--	ISC	iLoc	???	???	_
NKC	3.44	313.4	Lg	15:35:14.000	-0.9	T__		8.5	0.50	___		14678379	FDSN	IR	--	ISC	iLoc	???	???	_
CLL	4.01	328.5	Lg	15:35:32.000	-1.3	T__		7.0	0.70	___		14678380	FDSN	IR	--	ISC	iLoc	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/15	15:35:31.00	0.08	0.22	47.9312	16.3868	0.9	0.5	97	13.0A		20		149	0.27	1.43	a	ke IPEC	14551801	ISC			360
2015/08/15	15:35:32.10	0.00		47.9800	16.2900				10.0A		22					a	ke PRU	14551803	ISC			360
2015/08/15	15:35:30.68	0.16	0.51	47.9376	16.3753	1.5	1.3	138	14.0F	0.0	19		3	0.34	1.55	a	ke VIE	14551805	ISC			360
2015/08/15	15:35:30.29	0.78	1.25	47.9289	16.3673	3.3	2.8	100	11.9F	0.5	49	24	66	0.28	4.03	m	ke BUD	14678180	iLoc			85

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.1	5 BUD	14678180

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
SOP	0.28	152.3	Pg	15:35:37.088	0.7					T__	22.1	0.5		___	MLv	1.8	14678182	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.28	152.3	Lg	15:35:40.771	0.0					T__				___		14678183	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
(Station ML : 1.8 0)																									
CONA	0.34	270.1	Pg	15:35:38.329	0.8					T__	40.9	2.3	0.04	___		14678184	FDSN	IR	--	ISC	iLoc	???	???	_	
CONA	0.34	270.1	Lg	15:35:43.630	0.7					T__		31.5	0.16	___		14678185	FDSN	IR	--	ISC	iLoc	???	???	_	
ZST	0.56	61.3	Pg	15:35:41.913	0.2					T__	2.9	1.3		___	MLv	2.9	14678186	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.56	61.3	Lg	15:35:49.711	0.0					T__				___		14678187	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.9 0)																									
EGYH	0.83	127.9	Pn	15:35:45.000	-1.8					T__	6.2	0.3		___	MLv	2.5	14678188	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	0.83	127.9	Lg	15:35:54.986	-3.4					T__				___		14678189	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 2.5 1)																									
ARSA	0.89	220.4	Pg	15:35:48.107	0.5					T__	11.1	2.4	0.12	___		14678190	FDSN	IR	--	ISC	iLoc	???	???	_	
ARSA	0.89	220.4	Lg	15:36:00.020	0.2					T__		16.0	0.15	___		14678191	FDSN	IR	--	ISC	iLoc	???	???	_	
ARSA	0.89	220.4	Pb	15:35:48.538	0.9					T__	6.9	0.1		___	MLv	2.1	14678192	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	0.89	220.4	Sg	15:35:58.834	-0.9					T__				___		14678193	FDSN	OE	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.1 1)																									
MPLH	1.10	133.3	Pn	15:35:49.567	-1.0					T__	6.2	0.1		___	MLv	2.2	14678194	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	1.10	133.3	Lg	15:36:07.464	0.4					T__				___		14678195	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.2 1)																									

KRUC	1.13	0.9	Pg	15:35:52.100	0.3	T__										14678196	FDSN	IR	--	ISC	iLoc	??? ???	-
KRUC	1.13	0.9	Sn	15:36:06.600	-0.4	T__										14678197	FDSN	IR	--	ISC	iLoc	??? ???	-
KRUC	1.13	0.9	Pb	15:35:52.204	0.4	T__										14678198	FDSN	CZ	--	BUD	iLoc	BHZ ???	-
KRUC	1.13	0.9	Lg	15:36:07.517	0.6	T__										14678199	FDSN	CZ	--	BUD	iLoc	BHN ???	-
JAVC	1.27	42.5	Pg	15:35:54.906	-0.4	T__										14678200	FDSN	CZ	--	BUD	iLoc	BHZ ???	-
JAVC	1.27	42.5	Lg	15:36:15.698	3.4	T__										14678201	FDSN	CZ	--	BUD	iLoc	BHN ???	-
VRAC	1.39	6.1	Pg	15:35:56.100	-0.3	T__										14678202	FDSN	IR	--	ISC	iLoc	??? ???	-
VRAC	1.39	6.1	Lg	15:36:14.300	-0.4	T__										14678203	FDSN	IR	--	ISC	iLoc	??? ???	-
VRAC	1.39	6.1	Pb	15:35:55.875	-0.6	T__										14678204	FDSN	CZ	--	BUD	iLoc	BHZ ???	-
VRAC	1.39	6.1	Sg	15:36:13.885	-0.8	T__										14678205	FDSN	CZ	--	BUD	iLoc	BHN ???	-
MOA	1.42	267.6	Pg	15:35:57.377	-0.3	T__	19.4									14678206	FDSN	IR	--	ISC	iLoc	??? ???	-
MOA	1.42	267.6	Lg	15:36:17.202	0.5	T__										14678207	FDSN	IR	--	ISC	iLoc	??? ???	-
TREC	1.49	337.2	Pg	15:35:58.512	0.2	T__										14678208	FDSN	CZ	--	BUD	iLoc	BHZ ???	-
TREC	1.49	337.2	Sn	15:36:16.587	0.8	T__										14678209	FDSN	CZ	--	BUD	iLoc	BHN ???	-
SOKA	1.55	216.5	Pn	15:35:57.664	0.8	T__										14678210	FDSN	IR	--	ISC	iLoc	??? ???	-
SOKA	1.55	216.5	Sn	15:36:18.991	1.5	T__										14678211	FDSN	IR	--	ISC	iLoc	??? ???	-
CKRC	1.64	303.8	Pg	15:36:01.085	-0.0	T__										14678212	FDSN	CZ	--	BUD	iLoc	BHZ ???	-
CKRC	1.64	303.8	Lg	15:36:22.569	-0.1	T__										14678213	FDSN	CZ	--	BUD	iLoc	BHN ???	-
CKRC	1.64	303.8	Pb	15:36:00.900	-0.2	T__										14678214	FDSN	IR	--	ISC	iLoc	??? ???	-
CKRC	1.64	303.8	Sg	15:36:22.300	-0.4	T__										14678215	FDSN	IR	--	ISC	iLoc	??? ???	-
MORC	2.01	22.3	Sn	15:36:29.580	1.0	T__										14678216	FDSN	CZ	--	BUD	iLoc	BHN ???	-
KRLC	2.17	7.1	Sn	15:36:34.700	2.3	T__										14678217	FDSN	IR	--	ISC	iLoc	??? ???	-
KHC	2.21	304.0	Pg	15:36:09.800	-2.3	T__										14678218	FDSN	IR	--	ISC	iLoc	??? ???	-
KHC	2.21	304.0	Lg	15:36:39.200	-1.5	T__										14678219	FDSN	IR	--	ISC	iLoc	??? ???	-
PBCC	2.36	319.2	Lg	15:36:44.100	-0.9	T__										14678220	FDSN	IR	--	ISC	iLoc	??? ???	-
PRU	2.39	330.4	Pg	15:36:13.800	-1.4	T__										14678221	FDSN	IR	--	ISC	iLoc	??? ???	-
PRU	2.39	330.4	Lg	15:36:45.600	0.0	T__										14678222	FDSN	IR	--	ISC	iLoc	??? ???	-
DPC	2.42	359.3	Pg	15:36:14.800	0.3	T__										14678223	FDSN	IR	--	ISC	iLoc	??? ???	-
DPC	2.42	359.3	Lg	15:36:46.700	1.0	T__										14678224	FDSN	IR	--	ISC	iLoc	??? ???	-
UPC	2.59	355.0	Lg	15:36:51.800	1.3	T__										14678225	FDSN	IR	--	ISC	iLoc	??? ???	-
OSTC	2.63	357.9	Pg	15:36:18.700	0.5	T__										14678226	FDSN	IR	--	ISC	iLoc	??? ???	-
OSTC	2.63	357.9	Lg	15:36:54.900	3.1	T__										14678227	FDSN	IR	--	ISC	iLoc	??? ???	-
PVCC	2.86	336.3	Lg	15:37:00.800	1.2	T__										14678228	FDSN	IR	--	ISC	iLoc	??? ???	-
NKC	3.46	313.3	Lg	15:37:20.000	-0.4	T__										14678229	FDSN	IR	--	ISC	iLoc	??? ???	-
CLL	4.03	328.4	Lg	15:37:37.000	-1.6	T__										14678230	FDSN	IR	--	ISC	iLoc	??? ???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/15	15:57:28.70	0.07	0.16	47.9338	16.3835	0.8	0.5	91	13.0A		21		149	0.28	1.43	a	ke IPEC	14551887	ISC			360
2015/08/15	15:57:30.60	0.00		48.0200	16.2700				18.0A		23					a	ke PRU	14551885	ISC			360
2015/08/15	15:57:28.79	0.18	0.50	47.9346	16.3696	1.6	1.6	165	11.3F	1.6	20		3	0.34	1.55	a	ke VIE	14551881	ISC			360
2015/08/15	15:57:28.44	1.01	1.36	47.9581	16.3386	3.6	2.8	129	7.2F	7.6	53	24	62	0.31	3.42	m	ke BUD	14678433	iLoc			75

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		IPEC	14551887
mb	1.5		VIE	14551881
ml	2.1		VIE	14551881
ML	1.9	0.1	8 BUD	14678433

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
SOP	0.31	151.6	Pg	15:57:34.700	-0.2					T__	15.5	0.3		---	MLv	1.7	14678435	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.31	151.6	Lg	15:57:38.110	-1.6					T__				---		14678436	FDSN	HU	--	BUD	iLoc	BHZ	???		

(Station ML : 1.7 1
 CONA 0.32 264.9 Pg 15:57:36.046 0.9
 CONA 0.32 264.9 Lg 15:57:41.102 0.8
 ZST 0.56 64.8 Pg 15:57:39.460 -0.4
 ZST 0.56 64.8 Lg 15:57:47.436 -0.7
 (Station ML : 2.7 0
 ARSA 0.90 218.2 Lg 15:57:57.634 -1.0
 ARSA 0.90 218.2 Pg 15:57:45.893 -0.0
 ARSA 0.90 218.2 Sg 15:57:56.506 -2.1
 (Station ML : 1.9 1
 KRUC 1.11 1.9 Pg 15:57:49.800 0.5
 KRUC 1.11 1.9 Lg 15:58:04.300 -0.3
 KRUC 1.11 1.9 Pb 15:57:49.945 0.7
 KRUC 1.11 1.9 Sn 15:58:05.061 -0.3
 MPLH 1.13 133.7 Pn 15:57:49.945 0.2
 MPLH 1.13 133.7 Sn 15:58:05.382 -0.9
 (Station ML : 1.9 1
 JAVC 1.27 44.1 Pg 15:57:54.769 1.4
 JAVC 1.27 44.1 Lg 15:58:11.844 1.2
 JAVC 1.27 44.1 Pn 15:57:52.000 0.2
 VRAC 1.36 7.0 Pg 15:57:53.700 -0.6
 VRAC 1.36 7.0 Lg 15:58:12.100 -0.3
 VRAC 1.36 7.0 Pb 15:57:53.804 -0.5
 VRAC 1.36 7.0 Sn 15:58:11.364 -0.2
 MOA 1.40 266.3 Pg 15:57:54.908 -0.7
 MOA 1.40 266.3 Lg 15:58:14.555 -0.1
 TREC 1.45 337.4 Lg 15:58:14.932 -0.5
 SOKA 1.56 215.2 Pn 15:57:56.863 1.2
 SOKA 1.56 215.2 Sn 15:58:17.121 0.3
 CKRC 1.60 303.3 Pg 15:57:58.886 0.0
 CKRC 1.60 303.3 Lg 15:58:19.983 -0.2
 CKRC 1.60 303.3 Sg 15:58:19.800 -0.5
 VYHS 1.75 71.3 Pn 15:58:00.331 1.9
 (Station ML : 1.6 0
 OBKA 1.89 220.7 Pn 15:58:02.582 2.2
 OBKA 1.89 220.7 Sn 15:58:27.024 1.7
 (Station ML : 2.0 1
 MORC 1.99 23.1 Sn 15:58:27.217 0.0
 MORC 1.99 23.1 Pn 15:58:02.200 0.5
 MORC 1.99 23.1 Lg 15:58:27.100 -5.0
 KHC 2.18 303.6 Pg 15:58:08.000 -1.8
 KHC 2.18 303.6 Sn 15:58:33.000 1.0
 KHC 2.18 303.6 Lg 15:58:36.600 -1.7
 CRES 2.22 196.1 Pn 15:58:06.248 1.3
 (Station ML : 2.0 1
 KOVH 2.22 146.6 Pn 15:58:06.506 1.5
 (Station ML : 2.2 1
 PBCC 2.32 319.0 Pg 15:58:10.800 -1.7
 PBCC 2.32 319.0 Lg 15:58:41.600 -0.9
 PRU 2.35 330.4 Pg 15:58:12.000 -0.9
 PRU 2.35 330.4 Lg 15:58:39.310 -3.8
 PRU 2.35 330.4 Sg 15:58:43.300 0.2
 DPC 2.39 359.7 Pg 15:58:12.300 -0.1

T__	42.1	3.8	0.08	---	14678437	FDSN	IR	--	ISC	iLoc	???	???	_
T__		22.2	0.16	---	14678438	FDSN	IR	--	ISC	iLoc	???	???	_
T__	2.6	0.8		---	MLv 2.7 14678439	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
T__				---	14678440	FDSN	SK	--	BUD	iLoc	HHN	???	_
T__		7.3	0.15	---	14678441	FDSN	IR	--	ISC	iLoc	???	???	_
T__	4.7	0.1		---	MLv 1.9 14678442	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
T__				---	14678443	FDSN	OE	--	BUD	iLoc	BHN	???	_
T__				---	14678444	FDSN	IR	--	ISC	iLoc	???	???	_
T__		15.4	0.16	---	14678446	FDSN	IR	--	ISC	iLoc	???	???	_
T__				---	14678447	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
T__				---	14678448	FDSN	CZ	--	BUD	iLoc	BHN	???	_
T__	3.6	0.1		---	MLv 1.9 14678449	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
T__				---	14678450	FDSN	HU	--	BUD	iLoc	BHN	???	_
T__				---	14678451	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
T__				---	14678452	FDSN	CZ	--	BUD	iLoc	BHN	???	_
T__				---	14678453	FDSN	IR	--	ISC	iLoc	???	???	_
T__				---	14678454	FDSN	IR	--	ISC	iLoc	???	???	_
T__		14.5	0.25	---	14678455	FDSN	IR	--	ISC	iLoc	???	???	_
T__				---	14678456	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
T__				---	14678457	FDSN	CZ	--	BUD	iLoc	BHN	???	_
T__	15.3	1.7	0.20	---	14678458	FDSN	IR	--	ISC	iLoc	???	???	_
T__		3.4	0.12	---	14678459	FDSN	IR	--	ISC	iLoc	???	???	_
T__				---	14678460	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
T__		0.3	0.12	---	14678461	FDSN	IR	--	ISC	iLoc	???	???	_
T__		2.1	0.38	---	14678462	FDSN	IR	--	ISC	iLoc	???	???	_
T__				---	14678463	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
T__				---	14678464	FDSN	CZ	--	BUD	iLoc	BHN	???	_
T__				---	14678465	FDSN	IR	--	ISC	iLoc	???	???	_
T__	1.8	0.0		---	MLv 1.6 14678466	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
T__	1.3	0.0		---	MLv 2.0 14678467	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
T__				---	14678468	FDSN	OE	--	BUD	iLoc	BHN	???	_
T__				---	14678469	FDSN	CZ	--	BUD	iLoc	BHN	???	_
T__				---	14678470	FDSN	IR	--	ISC	iLoc	???	???	_
T__				---	14678471	FDSN	IR	--	ISC	iLoc	???	???	_
T__				---	14678472	FDSN	IR	--	ISC	iLoc	???	???	_
T__				---	14678473	FDSN	IR	--	ISC	iLoc	???	???	_
T__		9.0	0.40	---	14678474	FDSN	IR	--	ISC	iLoc	???	???	_
T__	1.2	0.0		---	MLv 2.0 14678475	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
T__	2.1	0.0		---	MLv 2.2 14678476	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
T__				---	14678477	FDSN	IR	--	ISC	iLoc	???	???	_
T__				---	14678478	FDSN	IR	--	ISC	iLoc	???	???	_
T__				---	14678479	FDSN	IR	--	ISC	iLoc	???	???	_
T__				---	14678480	FDSN	CZ	--	BUD	iLoc	BHN	???	_
T__		5.7	0.30	---	14678481	FDSN	IR	--	ISC	iLoc	???	???	_
T__				---	14678482	FDSN	IR	--	ISC	iLoc	???	???	_

DPC	2.39	359.7	Lg	15:58:44.200	0.8	T__	4.9	0.50	---	14678483	FDSN	IR	--	ISC	iLoc	??? ???	_
UPC	2.56	355.3	Lg	15:58:49.800	1.6	T__	5.6	0.40	---	14678484	FDSN	IR	--	ISC	iLoc	??? ???	_
OSTC	2.60	358.3	Pg	15:58:16.700	0.6	T__			---	14678485	FDSN	IR	--	ISC	iLoc	??? ???	_
OSTC	2.60	358.3	Lg	15:58:51.000	1.5	T__	8.4	0.90	---	14678486	FDSN	IR	--	ISC	iLoc	??? ???	_
NKC	3.42	313.1	Lg	15:59:17.300	-0.6	T__	8.4	0.50	---	14678487	FDSN	IR	--	ISC	iLoc	??? ???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/15	16:11:15.10	0.08	0.17	47.9334	16.3737	0.9	0.5	87	15.8F	1.1	21		147	0.28	1.42	a	ke IPEC	14551973	ISC			360
2015/08/15	16:11:16.90	0.00		48.0100	16.2600				11.0A		20					a	ke PRU	14551971	ISC			360
2015/08/15	16:11:15.19	0.18	0.52	47.9375	16.3742	1.8	1.7	33	11.4F	1.5	20		3	0.34	1.55	a	ke VIE	14551967	ISC			360
2015/08/15	16:11:14.75	1.02	1.36	47.9144	16.3731	3.2	2.8	88	12.9F	7.0	53	23	67	0.26	4.04	m	ke BUD	14678536	iLoc			85

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		IPEC	14551973
mb	1.4		VIE	14551967
ml	2.1		VIE	14551967
ML	2.1	0.3	6 BUD	14678536

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
SOP	0.26	151.6	Pg	16:11:21.002	0.4					T__	10.4	0.3		---	MLv	1.4	14678538	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.26	151.6	Lg	16:11:24.656	-0.2					T__				---			14678539	FDSN	HU	--	BUD	iLoc	BHZ	???	_
(Station ML : 1.4 0																									
CONA	0.34	272.5	Pg	16:11:22.444	0.3					T__	31.2	3.2	0.16	---			14678540	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	0.34	272.5	Lg	16:11:27.392	-0.2					T__		21.5	0.20	---			14678541	FDSN	IR	--	ISC	iLoc	???	???	_
ZST	0.56	59.8	Pg	16:11:25.878	-0.4					T__	1.3	0.6		---	MLv	2.6	14678542	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.56	59.8	Lg	16:11:33.596	-0.7					T__				---			14678543	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 2.6 0																									
EGYH	0.82	127.2	Pn	16:11:28.901	-2.1					T__	3.7	0.2		---	MLv	2.3	14678544	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	0.82	127.2	Lg	16:11:38.678	-3.8					T__				---			14678545	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 2.3 1																									
ARSA	0.88	221.2	Pn	16:11:32.271	0.5					T__	8.3	1.1	0.12	---			14678546	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	0.88	221.2	Lg	16:11:44.228	0.3					T__	9.1	7.4	0.30	---			14678547	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	0.88	221.2	Pg	16:11:32.503	0.6					T__	2.7	0.1		---	MLv	1.8	14678548	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	0.88	221.2	Sg	16:11:42.859	-1.1					T__				---			14678549	FDSN	OE	--	BUD	iLoc	BHN	???	_
(Station ML : 1.8 1																									
MPLH	1.09	132.9	Pg	16:11:36.536	0.3					T__	3.3	0.1		---	MLv	1.9	14678550	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	1.09	132.9	Sn	16:11:50.578	0.3					T__				---			14678551	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.9 1																									
KRUC	1.15	0.7	Pn	16:11:36.200	0.7					T__				---			14678552	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.15	0.7	Sn	16:11:50.600	-1.0					T__		12.3	0.23	---			14678554	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.15	0.7	Lg	16:11:50.700	-1.2					T__				---			14678555	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.15	0.7	Pg	16:11:36.491	-0.1					T__				---			14678556	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
KRUC	1.15	0.7	Sg	16:11:51.414	-0.4					T__				---			14678557	FDSN	CZ	--	BUD	iLoc	BHN	???	_
JAVC	1.28	42.0	Pg	16:11:40.299	0.4					T__				---			14678558	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
JAVC	1.28	42.0	Lg	16:11:58.888	1.3					T__				---			14678559	FDSN	CZ	--	BUD	iLoc	BHN	???	_
VRAC	1.40	5.9	Pn	16:11:40.100	1.0					T__				---			14678560	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.40	5.9	Sn	16:11:58.300	0.5					T__		6.8	0.25	---			14678562	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.40	5.9	Lg	16:11:58.400	-1.2					T__				---			14678563	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.40	5.9	Pg	16:11:40.202	-1.0					T__				---			14678564	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
VRAC	1.40	5.9	Sg	16:11:57.730	-1.9					T__				---			14678565	FDSN	CZ	--	BUD	iLoc	BHN	???	_
MOA	1.42	268.2	Pg	16:11:41.403	-0.8					T__	12.8	2.4	0.25	---			14678566	FDSN	IR	--	ISC	iLoc	???	???	_

MOA	1.42	268.2	Lg	16:12:00.743	-0.7	T__	2.8	0.15	---	14678567	FDSN	IR	--	ISC	iLoc	??? ???	_	
KOGS	1.47	183.3	Pn	16:11:41.907	1.7	T__	2.0	0.2	---	MLv	2.6	14678568	FDSN	SL	--	BUD	iLoc BHZ BHZ	_
KOGS	1.47	183.3	Lg	16:12:03.584	0.3	T__			---			14678569	FDSN	SL	--	BUD	iLoc BHN ???	_
(Station ML : 2.6 1																		
TREC	1.50	337.3	Pg	16:11:42.743	-0.3	T__			---			14678570	FDSN	CZ	--	BUD	iLoc BHZ ???	_
TREC	1.50	337.3	Sn	16:12:01.300	0.8	T__			---			14678571	FDSN	CZ	--	BUD	iLoc BHN ???	_
SOKA	1.54	216.9	Pg	16:11:43.492	-0.7	T__		0.4	0.14	---		14678572	FDSN	IR	--	ISC	iLoc ??? ???	_
SOKA	1.54	216.9	Sn	16:12:03.232	1.7	T__		0.3	0.16	---		14678573	FDSN	IR	--	ISC	iLoc ??? ???	_
CKRC	1.65	304.1	Pg	16:11:45.155	-0.6	T__			---			14678574	FDSN	CZ	--	BUD	iLoc BHZ ???	_
CKRC	1.65	304.1	Lg	16:12:06.382	-1.1	T__			---			14678575	FDSN	CZ	--	BUD	iLoc BHE ???	_
CKRC	1.65	304.1	Pb	16:11:45.300	-0.5	T__			---			14678576	FDSN	IR	--	ISC	iLoc ??? ???	_
CKRC	1.65	304.1	Sg	16:12:06.200	-1.4	T__			---			14678577	FDSN	IR	--	ISC	iLoc ??? ???	_
KRLC	2.18	6.9	Sn	16:12:18.600	1.6	T__			---			14678578	FDSN	IR	--	ISC	iLoc ??? ???	_
KHC	2.22	304.3	Pn	16:11:53.700	3.3	T__			---			14678579	FDSN	IR	--	ISC	iLoc ??? ???	_
KHC	2.22	304.3	Lg	16:12:23.400	-2.2	T__		7.8	0.40	---		14678580	FDSN	IR	--	ISC	iLoc ??? ???	_
PBCC	2.37	319.3	Lg	16:12:27.500	-2.4	T__		2.3	0.30	---		14678581	FDSN	IR	--	ISC	iLoc ??? ???	_
PRU	2.40	330.5	Pg	16:11:57.800	-2.2	T__			---			14678582	FDSN	IR	--	ISC	iLoc ??? ???	_
PRU	2.40	330.5	Lg	16:12:29.600	-0.9	T__		6.1	0.40	---		14678583	FDSN	IR	--	ISC	iLoc ??? ???	_
DPC	2.44	359.2	Pg	16:11:59.900	0.6	T__			---			14678584	FDSN	IR	--	ISC	iLoc ??? ???	_
DPC	2.44	359.2	Lg	16:12:31.200	0.6	T__		3.1	0.50	---		14678585	FDSN	IR	--	ISC	iLoc ??? ???	_
UPC	2.61	354.9	Lg	16:12:36.500	1.1	T__		4.0	0.40	---		14678586	FDSN	IR	--	ISC	iLoc ??? ???	_
OSTC	2.65	357.8	Pg	16:12:03.500	0.5	T__			---			14678587	FDSN	IR	--	ISC	iLoc ??? ???	_
OSTC	2.65	357.8	Lg	16:12:38.600	1.9	T__		4.3	0.70	---		14678588	FDSN	IR	--	ISC	iLoc ??? ???	_
NKC	3.47	313.4	Lg	16:13:03.600	-1.6	T__		6.4	0.40	---		14678589	FDSN	IR	--	ISC	iLoc ??? ???	_
CLL	4.04	328.4	Pg	16:12:26.000	-5.5	---			---			14678590	FDSN	IR	--	ISC	iLoc ??? ???	_
CLL	4.04	328.4	Lg	16:13:21.000	-2.5	T__		4.0	0.60	---		14678591	FDSN	IR	--	ISC	iLoc ??? ???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/15	17:15:27.20	0.09	0.15	47.9395	16.3950	0.8	0.5	91	14.9F	1.6	21		151	0.28	1.44	a	ke IPEC	14552064	ISC			360
2015/08/15	17:15:26.40	0.00		47.9300	16.3200				0.0A		16					a	ke PRU	14552058	ISC			360
2015/08/15	17:15:27.15	0.25	0.55	47.9341	16.3684	2.2	1.8	140	12.1F	2.3	14		3	0.34	1.41	a	ke VIE	14552060	ISC			360
2015/08/15	17:15:27.03	0.96	1.04	47.9411	16.3294	4.0	3.5	89	11.3F	12.5	35	18	69	0.30	4.00	m	ke BUD	14678635	iLoc			125

Magnitude	Err	Nsta	Author	OrigID
ML	1.7		IPEC	14552064
mb	1.4		VIE	14552060
m1	2.0		VIE	14552060
MLv	1.6	0.2	2 BUD	14678635

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SOP	0.30	149.0	Pg	17:15:33.171	-0.3					T__	9.2	0.2		---	MLv	1.4	14678637	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.30	149.0	Lg	17:15:36.884	-1.3					T__				---			14678638	FDSN	HU	--	BUD	iLoc	BHN	???	_
CONA	0.31	267.8	Pg	17:15:34.544	0.7					T__		1.6	0.08	---			14678639	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	0.31	267.8	Lg	17:15:39.501	0.6					T__		12.5	0.18	---			14678640	FDSN	IR	--	ISC	iLoc	???	???	_
ZST	0.58	63.5	Lg	17:15:45.815	-1.1					T__				---			14678641	FDSN	SK	--	BUD	iLoc	HHN	???	_
ARSA	0.88	218.6	Pn	17:15:44.364	0.1					T__		0.4	0.10	---			14678642	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	0.88	218.6	Pg	17:15:44.468	0.2					T__	2.8	0.1		---	MLv	1.7	14678643	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	0.88	218.6	Lg	17:15:56.147	-0.2					T__				---			14678644	FDSN	OE	--	BUD	iLoc	BHN	???	_
KRUC	1.12	2.2	Pg	17:15:48.300	-0.0					T__				---			14678645	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.12	2.2	Lg	17:16:02.500	-0.8					T__		8.8	0.22	---			14678647	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.12	2.2	Lg	17:16:02.600	-0.8					T__				---			14678648	FDSN	IR	--	ISC	iLoc	???	???	_

KRUC	1.12	2.2	Pb	17:15:48.507	0.2	T__									14678649	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
KRUC	1.12	2.2	Sn	17:16:03.488	-0.0	T__									14678650	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
MPLH	1.13	132.8	Lg	17:16:05.555	0.9	T__									14678651	FDSN	HU	--	BUD	iLoc	BHE	???	_
VRAC	1.38	7.2	Sn	17:16:10.400	0.6	T__						8.3	0.31		14678652	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.38	7.2	Pg	17:15:52.273	-0.7	T__									14678653	FDSN	CZ	--	BUD	iLoc	BHE	???	_
VRAC	1.38	7.2	Lg	17:16:10.109	-1.0	T__									14678654	FDSN	CZ	--	BUD	iLoc	BHE	???	_
MOA	1.39	267.0	Pg	17:15:53.513	-0.4	T__						0.9	0.18		14678655	FDSN	IR	--	ISC	iLoc	???	???	_
MOA	1.39	267.0	Lg	17:16:13.574	0.9	T__						2.1	0.12		14678656	FDSN	IR	--	ISC	iLoc	???	???	_
TREC	1.47	337.9	Lg	17:16:13.992	-0.0	T__									14678657	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
CKRC	1.61	303.9	Pg	17:15:57.401	0.1	T__									14678658	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
CKRC	1.61	303.9	Lg	17:16:18.856	0.3	T__									14678659	FDSN	CZ	--	BUD	iLoc	BHN	???	_
CKRC	1.61	303.9	Pb	17:15:57.200	-0.2	T__									14678660	FDSN	IR	--	ISC	iLoc	???	???	_
CKRC	1.61	303.9	Sg	17:16:18.500	-0.1	T__									14678661	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	2.18	304.1	Pg	17:16:06.000	-2.3	T__									14678662	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	2.18	304.1	Lg	17:16:35.500	-1.1	T__						5.9	0.40		14678663	FDSN	IR	--	ISC	iLoc	???	???	_
PBCC	2.33	319.4	Lg	17:16:39.800	-1.1	T__									14678664	FDSN	IR	--	ISC	iLoc	???	???	_
PRU	2.36	330.8	Lg	17:16:41.700	0.1	T__						4.1	0.80		14678665	FDSN	IR	--	ISC	iLoc	???	???	_
DPC	2.41	359.9	Pg	17:16:11.800	0.8	T__									14678666	FDSN	IR	--	ISC	iLoc	???	???	_
DPC	2.41	359.9	Lg	17:16:43.200	1.2	T__						2.5	0.50		14678667	FDSN	IR	--	ISC	iLoc	???	???	_
UPC	2.58	355.5	Lg	17:16:48.800	2.0	T__						2.7	0.40		14678668	FDSN	IR	--	ISC	iLoc	???	???	_
GSTC	2.62	358.4	Lg	17:16:50.900	2.8	T__						2.9	0.50		14678669	FDSN	IR	--	ISC	iLoc	???	???	_
NKC	3.43	313.4	Lg	17:17:15.900	-0.4	T__						4.6	0.40		14678670	FDSN	IR	--	ISC	iLoc	???	???	_
CLL	4.00	328.6	Lg	17:17:33.000	-1.6	T__						3.0	0.60		14678671	FDSN	IR	--	ISC	iLoc	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/15	17:34:44.79	1.50	0.42	47.9426	16.4053	10.1	6.2	109	3.9F	15.7	9	6	97	0.28	1.65	m	ke BUD	14678688	iLoc			159

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.9	3 BUD	14678688

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
SOP	0.28	158.3	Pg	17:34:50.746	0.2					T__	6.5	0.1		---	MLv	1.2	14678690	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.28	158.3	Lg	17:34:54.440	-0.4					T__				---		14678691	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.2 1																									
ZST	0.53	61.3	Pg	17:34:55.722	0.2					T__	2.7	1.1		---	MLv	2.8	14678692	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.8 1																									
ARSA	0.91	221.1	Pg	17:35:02.518	-0.1					T__	4.4	0.1		---	MLv	1.8	14678693	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.8 1																									
KRUC	1.12	359.7	Pg	17:35:06.007	0.1					T__				---		14678694	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
KRUC	1.12	359.7	Lg	17:35:21.287	-0.5					T__				---		14678695	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
VRAC	1.37	5.1	Pn	17:35:09.962	0.2					T__				---		14678696	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
VRAC	1.37	5.1	Sn	17:35:28.470	-0.4					T__				---		14678697	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
CKRC	1.65	302.9	Sn	17:35:36.479	0.4					T__				---		14678698	FDSN	CZ	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2015/08/15	17:35:32.80	0.00		48.0200	16.2700				10.0A		11					a	ke PRU	14552127	ISC				360
2015/08/15	17:35:30.16	0.19	0.41	47.9185	16.3659	1.6	1.4	128	14.9F	1.4	17		3	0.34	1.53	a	ke VIE	14552129	ISC				360
2015/08/15	17:35:29.95	1.02	1.12	47.9224	16.3691	4.1	3.7	85	11.4F	11.6	30	18	66	0.27	4.03	m	ke BUD	14678712	iLoc				91

Magnitude	Err	Nsta	Author	OrigID
mb	2.1		VIE	14552129
ml	1.9		VIE	14552129
ML	1.8	0.8	3 BUD	14678712

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
SOP	0.27	151.9	Pg	17:35:36.361	0.5					T__	3.3	0.1			MLv	1.2	14678714	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.27	151.9	Lg	17:35:40.037	-0.2					T__							14678715	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.2 1																									
CONA	0.34	271.2	Pg	17:35:37.758	0.5					T__		4.9	0.14			14678716	FDSN	IR	--	ISC	iLoc	???	???	_	
CONA	0.34	271.2	Lg	17:35:42.879	0.2					T__		4.2	0.06			14678717	FDSN	IR	--	ISC	iLoc	???	???	_	
ZST	0.56	60.6	Pg	17:35:41.399	-0.0					T__	1.2	0.6			MLv	2.6	14678718	FDSN	SK	--	BUD	iLoc	HHN	HHZ	_
(Station ML : 2.6 1																									
EGYH	0.82	127.5	Lg	17:35:55.149	-2.7					T__						14678719	FDSN	HU	--	BUD	iLoc	SHN	???	_	
ARSA	0.88	220.7	Lg	17:35:59.217	-0.1					T__		3.1	0.12			14678720	FDSN	IR	--	ISC	iLoc	???	???	_	
ARSA	0.88	220.7	Pn	17:35:47.519	0.3					T__	2.1	0.1			MLv	1.8	14678721	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	0.88	220.7	Sg	17:35:58.993	-0.3					T__						14678722	FDSN	OE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1																									
KRUC	1.14	0.9	Sn	17:36:06.300	-0.6					T__						14678723	FDSN	IR	--	ISC	iLoc	???	???	_	
KRUC	1.14	0.9	Pn	17:35:51.585	0.8					T__						14678724	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
KRUC	1.14	0.9	Lg	17:36:06.847	0.1					T__						14678725	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
JAVC	1.28	42.3	Pn	17:35:54.200	1.2					T__						14678726	FDSN	IR	--	ISC	iLoc	???	???	_	
JAVC	1.28	42.3	Sn	17:36:09.700	-0.8					T__						14678727	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.39	6.0	Pn	17:35:55.300	1.0					T__						14678728	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.40	6.0	Pg	17:35:55.564	-0.7					T__						14678729	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
VRAC	1.40	6.0	Sn	17:36:13.400	0.4					T__						14678730	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
MOA	1.42	267.8	Pg	17:35:57.231	-0.1					T__		1.8	0.12			14678731	FDSN	IR	--	ISC	iLoc	???	???	_	
MOA	1.42	267.8	Lg	17:36:16.474	0.1					T__		1.5	0.08			14678732	FDSN	IR	--	ISC	iLoc	???	???	_	
SOKA	1.54	216.6	Sn	17:36:17.841	0.8					T__		1.4	0.40			14678733	FDSN	IR	--	ISC	iLoc	???	???	_	
CKRC	1.64	304.0	Lg	17:36:21.356	-1.1					T__						14678734	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
CKRC	1.64	304.0	Pg	17:36:00.600	-0.3					T__						14678735	FDSN	IR	--	ISC	iLoc	???	???	_	
CKRC	1.64	304.0	Sg	17:36:22.000	-0.5					T__						14678736	FDSN	IR	--	ISC	iLoc	???	???	_	
KHC	2.21	304.1	Lg	17:36:38.700	-1.8					T__		3.9	0.20			14678737	FDSN	IR	--	ISC	iLoc	???	???	_	
PBCC	2.36	319.2	Lg	17:36:44.600	-0.2					T__		2.3	0.40			14678738	FDSN	IR	--	ISC	iLoc	???	???	_	
PRU	2.39	330.5	Lg	17:36:45.200	-0.2					T__		4.4	0.40			14678739	FDSN	IR	--	ISC	iLoc	???	???	_	
DPC	2.43	359.3	Lg	17:36:46.100	0.6					T__		2.0	0.70			14678740	FDSN	IR	--	ISC	iLoc	???	???	_	
GSTC	2.64	357.9	Lg	17:36:54.200	2.5					T__		4.3	0.70			14678741	FDSN	IR	--	ISC	iLoc	???	???	_	
NKC	3.46	313.4	Lg	17:37:19.200	-1.0					T__						14678742	FDSN	IR	--	ISC	iLoc	???	???	_	
CLL	4.03	328.4	Lg	17:37:36.000	-2.4					T__		4.0	0.70			14678743	FDSN	IR	--	ISC	iLoc	???	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/15	17:59:50.00	0.16	0.14	47.9229	16.4005	1.8	0.5	110	14.4F	1.8	18		216	0.36	1.44	a	ke IPEC	14552189	ISC			360
2015/08/15	17:59:51.30	0.00		47.9700	16.3100				13.0A		24					a	ke PRU	14552187	ISC			360
2015/08/15	17:59:49.94	0.19	0.39	47.9237	16.3399	1.5	1.3	155	14.2F	1.7	17		3	0.32	1.53	a	ke VIE	14552183	ISC			360
2015/08/15	17:59:50.05	0.93	1.11	47.9246	16.3317	3.8	3.1	94	11.3F	10.8	41	23	68	0.29	4.02	m	ke BUD	14678769	iLoc			83

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		IPEC	14552189
mb	1.5		VIE	14552183
ml	2.0		VIE	14552183

Magnitude Err Nsta Author OrigID
MLv 1.2 0.3 2 BUD 14678842

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SOP	0.26	148.7	Pg	18:43:19.547	0.1					T__	2.8	0.1		---	MLv	0.8	14678844	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.26	148.7	Lg	18:43:23.260	-0.4					T__				---			14678845	FDSN	HU	--	BUD	iLoc	BHE	???	_
ARSA	0.87	220.9	Pn	18:43:31.180	0.3					T__	1.5	0.0		---	MLv	1.4	14678846	FDSN	OE	--	BUD	iLoc	BHN	BHZ	_
ARSA	0.87	220.9	Lg	18:43:42.178	-0.4					T__				---			14678847	FDSN	OE	--	BUD	iLoc	BHN	???	_
KRUC	1.15	1.3	Pn	18:43:34.752	-0.1					T__				---			14678848	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
VRAC	1.41	6.3	Pn	18:43:38.745	0.3					T__				---			14678849	FDSN	CZ	--	BUD	iLoc	BHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/15	21:03:41.51	0.29	0.25	47.9400	16.3742	3.3	2.1	42	14.0F	0.0	6		3	0.34	0.34	a	ke VIE	14552265	ISC			360
2015/08/15	21:03:07.75	1.67	0.41	47.9405	16.3437	13.1	6.1	99	7.3F	17.9	9	5	143	0.30	1.62	m	ke BUD	14678852	iLoc			212

Magnitude Err Nsta Author OrigID
MLv 1.4 0.3 2 BUD 14678852

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SOP	0.30	150.6	Pg	21:03:14.263	0.3					T__	5.5	0.1		---	MLv	1.2	14678854	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.30	150.6	Lg	21:03:17.957	-0.5					T__				---			14678855	FDSN	HU	--	BUD	iLoc	BHN	???	_
CONA	0.32	268.0	Pg	21:03:48.989	34.5					---		0.3	0.08	---			14678856	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	0.32	268.0	Lg	21:03:53.864	34.2					---		0.4	0.10	---			14678857	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	0.89	219.1	Pn	21:03:25.541	0.0					T__	2.6	0.0		---	MLv	1.6	14678858	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	0.89	219.1	Lg	21:03:37.388	-0.1					T__				---			14678859	FDSN	OE	--	BUD	iLoc	BHE	???	_
KRUC	1.12	1.7	Pg	21:03:29.598	0.4					T__				---			14678860	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
KRUC	1.12	1.7	Lg	21:03:44.542	0.1					T__				---			14678861	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
VRAC	1.38	6.8	Pg	21:03:33.404	-0.5					T__				---			14678862	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
VRAC	1.38	6.8	Sn	21:03:51.399	0.1					T__				---			14678863	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
CKRC	1.62	303.7	Lg	21:03:59.728	-0.2					T__				---			14678864	FDSN	CZ	--	BUD	iLoc	BHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/15	21:32:44.70	0.08	0.16	47.9329	16.3878	1.0	0.5	96	16.5F	1.0	19		149	0.27	1.43	a	ke IPEC	14552279	ISC			360
2015/08/15	21:32:44.30	0.00		47.9500	16.3200				0.0A		18					a	ke PRU	14552273	ISC			360
2015/08/15	21:32:44.45	0.20	0.45	47.9360	16.3674	1.7	1.3	158	14.7F	1.8	16		3	0.34	1.55	a	ke VIE	14552275	ISC			360
2015/08/15	21:32:44.18	0.90	0.90	47.9346	16.3578	3.8	3.1	98	14.5F	11.1	40	20	65	0.29	4.02	m	ke BUD	14678869	iLoc			120

Magnitude Err Nsta Author OrigID
ML 1.7 IPEC 14552279
mb 1.4 VIE 14552275
ml 2.0 VIE 14552275
ML 1.8 0.3 4 BUD 14678869

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SOP	0.29	151.7	Pg	21:32:50.680	0.1					T__	7.6	0.2		---	MLv	1.3	14678871	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.29	151.7	Lg	21:32:54.412	-0.7					T__				---			14678872	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.3 1																									
CONA	0.33	269.1	Pg	21:32:52.074	0.6					T__		2.8	0.06	---			14678873	FDSN	IR	--	ISC	iLoc	???	???	_

CONA	0.33	269.1	Lg	21:32:57.122	0.3	T__		10.1	0.14	---		14678874	FDSN	IR	--	ISC	iLoc	??? ???	-	
ZST	0.56	62.1	Pg	21:32:55.597	-0.1	T__	1.4	0.6		---	MLv	2.6	14678875	FDSN	SK	--	BUD	iLoc	HHZ HHZ	-
(Station ML : 2.6 1																				
EGYH	0.84	127.9	Lg	21:33:11.249	-1.3	T__				---		14678876	FDSN	HU	--	BUD	iLoc	SHN ???	-	
ARSA	0.89	219.8	Pg	21:33:01.844	0.3	T__		0.6	0.08	---		14678877	FDSN	IR	--	ISC	iLoc	??? ???	-	
ARSA	0.89	219.8	Lg	21:33:13.677	-0.0	T__		5.2	0.15	---		14678878	FDSN	IR	--	ISC	iLoc	??? ???	-	
ARSA	0.89	219.8	Pb	21:33:02.024	0.5	T__	3.2	0.1		---	MLv	1.8	14678879	FDSN	OE	--	BUD	iLoc	BHZ BHZ	-
ARSA	0.89	219.8	Sg	21:33:13.833	0.1	T__				---		14678880	FDSN	OE	--	BUD	iLoc	BHN ???	-	
(Station ML : 1.8 1																				
MPLH	1.11	133.3	Pg	21:33:05.770	-0.3	T__	2.2	0.0		---	MLv	1.8	14678881	FDSN	HU	--	BUD	iLoc	BHZ BHZ	-
(Station ML : 1.8 1																				
KRUC	1.13	1.3	Sn	21:33:20.200	-0.0	T__		10.0	0.17	---		14678882	FDSN	IR	--	ISC	iLoc	??? ???	-	
KRUC	1.13	1.3	Sn	21:33:20.300	-0.0	T__				---		14678883	FDSN	IR	--	ISC	iLoc	??? ???	-	
KRUC	1.13	1.3	Pg	21:33:05.876	0.3	T__				---		14678884	FDSN	CZ	--	BUD	iLoc	BHZ ???	-	
KRUC	1.13	1.3	Sg	21:33:21.175	0.5	T__				---		14678885	FDSN	CZ	--	BUD	iLoc	BHN ???	-	
VRAC	1.38	6.4	Pg	21:33:09.700	-0.6	T__				---		14678886	FDSN	IR	--	ISC	iLoc	??? ???	-	
VRAC	1.38	6.4	Lg	21:33:28.000	-0.5	T__		6.9	0.24	---		14678888	FDSN	IR	--	ISC	iLoc	??? ???	-	
VRAC	1.38	6.4	Pb	21:33:09.832	-0.4	T__				---		14678889	FDSN	CZ	--	BUD	iLoc	BHZ ???	-	
VRAC	1.38	6.4	Sg	21:33:27.761	-0.7	T__				---		14678890	FDSN	CZ	--	BUD	iLoc	BHZ ???	-	
MOA	1.41	267.3	Pg	21:33:11.171	-0.3	T__		1.4	0.20	---		14678891	FDSN	IR	--	ISC	iLoc	??? ???	-	
MOA	1.41	267.3	Lg	21:33:31.031	0.5	T__		3.2	0.17	---		14678892	FDSN	IR	--	ISC	iLoc	??? ???	-	
TREC	1.48	337.3	Pg	21:33:12.338	0.3	T__				---		14678893	FDSN	CZ	--	BUD	iLoc	BHZ ???	-	
TREC	1.48	337.3	Lg	21:33:30.892	-0.7	T__				---		14678894	FDSN	CZ	--	BUD	iLoc	BHN ???	-	
SOKA	1.55	216.1	Pg	21:33:14.244	0.4	T__		0.1	0.10	---		14678895	FDSN	IR	--	ISC	iLoc	??? ???	-	
CKRC	1.63	303.7	Pg	21:33:14.848	-0.0	T__				---		14678896	FDSN	CZ	--	BUD	iLoc	BHN ???	-	
CKRC	1.63	303.7	Lg	21:33:36.378	0.0	T__				---		14678897	FDSN	CZ	--	BUD	iLoc	BHN ???	-	
CKRC	1.63	303.7	Sg	21:33:36.000	-0.4	T__				---		14678898	FDSN	IR	--	ISC	iLoc	??? ???	-	
KRLC	2.16	7.3	Sn	21:33:46.800	1.0	T__				---		14678899	FDSN	IR	--	ISC	iLoc	??? ???	-	
KHC	2.20	304.0	Pg	21:33:24.100	-1.7	T__				---		14678900	FDSN	IR	--	ISC	iLoc	??? ???	-	
KHC	2.20	304.0	Lg	21:33:52.800	-1.6	T__		5.4	0.40	---		14678901	FDSN	IR	--	ISC	iLoc	??? ???	-	
PRU	2.38	330.5	Pg	21:33:28.200	-0.8	T__				---		14678902	FDSN	IR	--	ISC	iLoc	??? ???	-	
PRU	2.38	330.5	Lg	21:33:59.100	-0.1	T__		4.1	0.30	---		14678903	FDSN	IR	--	ISC	iLoc	??? ???	-	
DPC	2.42	359.5	Pg	21:33:29.000	0.7	T__				---		14678904	FDSN	IR	--	ISC	iLoc	??? ???	-	
DPC	2.42	359.5	Lg	21:34:00.700	1.3	T__		2.9	0.50	---		14678905	FDSN	IR	--	ISC	iLoc	??? ???	-	
UPC	2.59	355.1	Lg	21:34:06.000	1.8	T__				---		14678906	FDSN	IR	--	ISC	iLoc	??? ???	-	
OSTC	2.63	358.0	Pg	21:33:33.100	1.1	T__				---		14678907	FDSN	IR	--	ISC	iLoc	??? ???	-	
OSTC	2.63	358.0	Lg	21:34:08.000	2.5	T__		3.4	0.80	---		14678908	FDSN	IR	--	ISC	iLoc	??? ???	-	
NKC	3.45	313.3	Lg	21:34:32.700	-1.3	T__		5.4	0.50	---		14678909	FDSN	IR	--	ISC	iLoc	??? ???	-	
CLL	4.02	328.4	Lg	21:34:51.000	-1.3	T__		3.0	0.70	---		14678910	FDSN	IR	--	ISC	iLoc	??? ???	-	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/16	01:39:40.90	0.37	0.68	47.4475	21.7699	2.5	2.2	165	3.2F	2.3	35		130	0.11	3.02	a	ke BUC	14552349	ISC			360
2015/08/16	01:39:40.97	0.84	1.70	47.4271	21.7771	3.8	3.3	29	10.1F	2.8	64	23	88	0.09	3.01	m	ke BUD	14679008	iLoc			107

Magnitude	Err	Nsta	Author	OrigID
ml	2.2		BUC	14552349
ML	2.2 0.2	10	BUD	14679008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
LTVH	0.09	116.7	Lg	01:39:46.203	-0.0					T__		12.4				14679010	FDSN	IR	--	ISC	iLoc	???	???	_	
LTVH	0.09	116.6	Pg	01:39:43.638	-0.2					T__	134.9	4.9			MLv	2.3	14679011	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	

LTVH	0.09	116.6	Sg	01:39:46.315	0.1	T__				14679012	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 2.3 1																			
CEI	0.53	60.5	Pg	01:39:51.447	-0.1	T__				14679013	FDSN	IR	--	ISC	iLoc	???	???	_	
CEI	0.53	60.5	Pg	01:39:51.447	-0.1	T__	0.4			14679014	FDSN	IR	--	ISC	iLoc	???	???	_	
CEI	0.53	60.5	Lg	01:39:59.106	-1.6	T__	0.4			14679015	FDSN	IR	--	ISC	iLoc	???	???	_	
MESR	0.84	108.7	Pg	01:39:56.708	-0.9	T__	0.5			14679017	FDSN	IR	--	ISC	iLoc	???	???	_	
MESR	0.84	108.7	Pg	01:39:56.708	-0.9	T__				14679016	FDSN	IR	--	ISC	iLoc	???	???	_	
MESR	0.84	108.7	Lg	01:40:08.193	-3.2	T__	0.5			14679018	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	0.90	134.6	Pg	01:39:58.124	-0.9	T__	12.5	0.3	MLv	2.5	14679019	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.90	134.6	Pb	01:39:58.686	-0.3	T__				14679020	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	0.90	134.6	Pb	01:39:58.686	-0.3	T__	0.1			14679021	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	0.90	134.6	Lg	01:40:09.530	-3.9	T__	0.1			14679022	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.5 1																			
SIRR	1.16	184.0	Pn	01:40:03.845	1.5	T__				14679023	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	1.16	184.0	Sn	01:40:20.172	1.1	T__				14679025	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	1.16	183.9	Pg	01:40:03.620	-0.7	T__	3.0	0.1	MLv	2.0	14679026	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	1.16	183.9	Lg	01:40:19.786	-2.2	T__				14679027	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.0 0																			
BMR	1.19	77.4	Sn	01:40:19.805	-0.7	T__	0.2			14679028	FDSN	IR	--	ISC	iLoc	???	???	_	
BMR	1.19	77.5	Pn	01:40:03.022	-0.2	T__	9.9	0.3	MLv	2.6	14679029	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BMR	1.19	77.5	Lg	01:40:21.063	-1.9	T__				14679030	FDSN	RO	--	BUD	iLoc	BHZ	???	_	
(Station ML : 2.6 0																			
PSZ	1.36	291.8	Pn	01:40:06.344	0.9	T__				14679031	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	1.36	291.8	Sn	01:40:24.883	0.5	T__				14679033	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	1.36	291.8	Pg	01:40:07.150	-1.6	T__	4.2	0.1	MLv	2.1	14679034	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.36	291.8	Lg	01:40:26.506	-2.6	T__				14679035	FDSN	GE	--	BUD	iLoc	BHZ	???	_	
(Station ML : 2.1 1																			
KECS	1.37	321.1	Pn	01:40:07.635	2.4	T__	4.2	0.5	MLv	3.0	14679036	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.37	321.1	Sn	01:40:25.517	1.4	T__				14679037	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 3.0 0																			
CBBR	1.38	117.9	Pn	01:40:07.114	1.4	T__				14679038	FDSN	IR	--	ISC	iLoc	???	???	_	
CJR	1.43	119.2	Pn	01:40:07.427	0.8	T__	6.0	0.2	MLv	2.5	14679040	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
CJR	1.43	119.2	Pg	01:40:08.393	-0.6	T__				14679041	FDSN	IR	--	ISC	iLoc	???	???	_	
CJR	1.43	119.2	Pg	01:40:08.393	-0.6	T__	0.2			14679042	FDSN	IR	--	ISC	iLoc	???	???	_	
CJR	1.43	119.2	Sn	01:40:27.072	0.5	T__				14679043	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.5 1																			
KOLS	1.54	12.2	Sn	01:40:31.304	1.9	T__				14679044	FDSN	SK	--	BUD	iLoc	HHN	???	_	
DEV	1.73	152.9	Pn	01:40:12.815	2.6	T__				14679045	FDSN	IR	--	ISC	iLoc	???	???	_	
DEV	1.73	152.9	Sn	01:40:35.584	2.8	T__				14679047	FDSN	IR	--	ISC	iLoc	???	???	_	
ARCR	1.79	100.1	Pn	01:40:13.176	1.5	T__				14679048	FDSN	IR	--	ISC	iLoc	???	???	_	
ARCR	1.79	100.1	Pn	01:40:13.176	1.5	T__	0.1			14679049	FDSN	IR	--	ISC	iLoc	???	???	_	
ARCR	1.79	100.1	Sn	01:40:37.398	2.2	T__	0.1			14679050	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	1.81	183.0	Pn	01:40:12.470	1.2	T__	2.1	0.0	MLv	1.8	14679051	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	1.81	183.6	Pg	01:40:14.164	-2.2	T__				14679052	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	1.81	183.6	Sn	01:40:38.430	3.6	T__				14679054	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.8 0																			
BUD	1.87	272.7	Pn	01:40:14.945	2.7	T__	2.4	0.0	MLv	2.1	14679055	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.1 1																			
GZR	2.15	160.9	Pn	01:40:17.565	1.2	T__	2.7	0.0	MLv	2.2	14679056	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	2.15	160.9	Pg	01:40:17.674	-4.6	---				14679057	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.2 1																			
MDB	2.20	124.8	Pn	01:40:18.950	1.6	T__				14679059	FDSN	IR	--	ISC	iLoc	???	???	_	
BURAR	2.33	83.4	Pn	01:40:19.828	0.2	T__				14679061	FDSN	RO	--	BUD	iLoc	BHZ	???	_	

BURAR	2.34	84.1	Pg	01:40:20.075	-5.8	---	---	14679062	FDSN	IR	--	ISC	iLoc	??? ???	-
BURAR	2.34	84.1	Sn	01:40:50.215	0.9	T__	---	14679064	FDSN	IR	--	ISC	iLoc	??? ???	-
LOT	2.41	144.4	Pn	01:40:22.157	1.9	T__	---	14679065	FDSN	IR	--	ISC	iLoc	??? ???	-
LOT	2.41	144.4	Sn	01:40:53.433	2.7	T__	---	14679067	FDSN	IR	--	ISC	iLoc	??? ???	-
HERR	2.59	169.9	Pn	01:40:23.291	0.9	T__	---	14679068	FDSN	IR	--	ISC	iLoc	??? ???	-
MDVR	2.65	181.0	Pn	01:40:24.291	0.9	T__	---	14679070	FDSN	IR	--	ISC	iLoc	??? ???	-
MDVR	2.65	181.0	Sn	01:40:58.566	2.3	T__	---	14679072	FDSN	IR	--	ISC	iLoc	??? ???	-
DOPR	2.88	119.1	Pn	01:40:28.254	1.2	T__	---	14679073	FDSN	IR	--	ISC	iLoc	??? ???	-
VOIR	3.01	130.1	Pn	01:40:30.436	1.4	T__	---	14679075	FDSN	IR	--	ISC	iLoc	??? ???	-
VOIR	3.01	130.1	Sn	01:41:07.218	1.1	T__	---	14679077	FDSN	IR	--	ISC	iLoc	??? ???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/16	02:18:40.50	0.11	0.21	47.9367	16.4128	1.3	0.6	101	13.7F	1.5	20		98	0.27	1.45	a	ke IPEC	14552471	ISC			360
2015/08/16	02:18:40.60	0.00		47.9600	16.2700				0.0A		17					a	ke PRU	14552469	ISC			360
2015/08/16	02:18:40.21	0.24	0.77	47.9422	16.3867	2.2	1.9	115	13.0F	1.7	24		3	0.35	1.42	a	ke VIE	14552465	ISC			360
2015/08/16	02:18:40.08	1.05	1.05	47.9272	16.3465	4.0	3.6	45	10.5F	8.0	35	18	70	0.28	4.02	m	ke BUD	14678943	iLoc			120

Magnitude	Err	Nsta	Author	OrigID
ML	1.4		IPEC	14552471
mb	1.6		VIE	14552465
ml	1.7		VIE	14552465
ML	1.5	0.4	4 BUD	14678943

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
SOP	0.28	149.6	Pg	02:18:46.194	0.0					T__	6.8	0.1		---	MLv	1.0	14678945	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	-
SOP	0.28	149.6	Lg	02:18:50.139	-0.5					T__				---		14678946	FDSN	HU	--	BUD	iLoc	BHN	???	-	
(Station ML : 1.0 1																									
CONA	0.33	270.4	Pg	02:18:47.782	0.8					T__		1.8	0.10	---		14678947	FDSN	IR	--	ISC	iLoc	???	???	-	
CONA	0.33	270.4	Lg	02:18:53.191	0.9					T__		3.1	0.18	---		14678948	FDSN	IR	--	ISC	iLoc	???	???	-	
ZST	0.57	61.8	Pg	02:18:51.128	-0.6					T__	1.7	0.6		---	MLv	2.6	14678949	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	-
(Station ML : 2.6 1																									
EGYH	0.84	127.2	Lg	02:19:06.618	-1.8					T__				---		14678950	FDSN	HU	--	BUD	iLoc	SHN	???	-	
ARSA	0.88	219.8	Pn	02:18:57.747	0.4					T__	2.3	0.0		---	MLv	1.5	14678951	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	-
ARSA	0.88	219.8	Lg	02:19:09.388	0.1					T__				---		14678952	FDSN	OE	--	BUD	iLoc	BHN	???	-	
(Station ML : 1.5 1																									
MPLH	1.11	132.7	Pg	02:19:02.556	0.6					T__	1.5	0.0		---	MLv	1.6	14678953	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	-
MPLH	1.11	132.7	Sn	02:19:16.717	0.2					T__				---		14678954	FDSN	HU	--	BUD	iLoc	BHN	???	-	
(Station ML : 1.6 1																									
KRUC	1.14	1.6	Pg	02:19:01.400	-0.3					T__				---		14678955	FDSN	IR	--	ISC	iLoc	???	???	-	
KRUC	1.14	1.6	Sn	02:19:16.200	-0.9					T__		5.0	0.22	---		14678957	FDSN	IR	--	ISC	iLoc	???	???	-	
KRUC	1.14	1.6	Pb	02:19:01.515	-0.1					T__				---		14678958	FDSN	CZ	--	BUD	iLoc	BHZ	???	-	
KRUC	1.14	1.6	Lg	02:19:16.543	-0.3					T__				---		14678959	FDSN	CZ	--	BUD	iLoc	BHN	???	-	
VRAC	1.39	6.7	Pn	02:19:05.200	0.7					T__				---		14678960	FDSN	IR	--	ISC	iLoc	???	???	-	
VRAC	1.39	6.7	Pn	02:19:05.300	0.7					T__				---		14678961	FDSN	IR	--	ISC	iLoc	???	???	-	
VRAC	1.39	6.7	Sn	02:19:23.500	0.2					T__		3.0	0.30	---		14678962	FDSN	IR	--	ISC	iLoc	???	???	-	
VRAC	1.39	6.7	Pb	02:19:05.447	-0.9					T__				---		14678963	FDSN	CZ	--	BUD	iLoc	BHZ	???	-	
VRAC	1.39	6.7	Lg	02:19:24.085	-0.6					T__				---		14678964	FDSN	CZ	--	BUD	iLoc	BHZ	???	-	
MOA	1.40	267.6	Pg	02:19:06.767	-0.4					T__		0.5	0.07	---		14678965	FDSN	IR	--	ISC	iLoc	???	???	-	
MOA	1.40	267.6	Lg	02:19:26.497	0.4					T__		1.9	0.28	---		14678966	FDSN	IR	--	ISC	iLoc	???	???	-	
TREC	1.48	337.7	Sn	02:19:26.700	0.9					T__				---		14678967	FDSN	IR	--	ISC	iLoc	???	???	-	
CKRC	1.63	304.1	Pg	02:19:10.649	-0.1					T__				---		14678968	FDSN	CZ	--	BUD	iLoc	BHZ	???	-	

CKRC	1.63	304.1	Pb	02:19:10.500	-0.3	T__									14678969	FDSN	IR	--	ISC	iLoc	???	???	-
CKRC	1.63	304.1	Lg	02:19:31.600	-0.6	T__									14678970	FDSN	IR	--	ISC	iLoc	???	???	-
KHC	2.20	304.2	Pg	02:19:19.800	-1.9	T__									14678971	FDSN	IR	--	ISC	iLoc	???	???	-
KHC	2.20	304.2	Lg	02:19:48.700	-1.6	T__							3.3	0.60	14678972	FDSN	IR	--	ISC	iLoc	???	???	-
PBCC	2.35	319.4	Lg	02:19:53.900	-0.7	T__							1.2	0.50	14678973	FDSN	IR	--	ISC	iLoc	???	???	-
PRU	2.38	330.7	Lg	02:19:54.200	-1.0	T__							4.0	0.80	14678974	FDSN	IR	--	ISC	iLoc	???	???	-
DPC	2.43	359.6	Lg	02:19:57.800	2.3	T__									14678975	FDSN	IR	--	ISC	iLoc	???	???	-
OSTC	2.63	358.2	Pg	02:19:28.700	0.6	T__									14678976	FDSN	IR	--	ISC	iLoc	???	???	-
OSTC	2.63	358.2	Lg	02:20:04.000	2.3	T__									14678977	FDSN	IR	--	ISC	iLoc	???	???	-
NKC	3.45	313.5	Lg	02:20:29.600	-0.3	T__							2.6	0.50	14678978	FDSN	IR	--	ISC	iLoc	???	???	-
CLL	4.02	328.5	Lg	02:20:46.000	-2.3	T__							2.0	0.80	14678979	FDSN	IR	--	ISC	iLoc	???	???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/19	09:47:26.16	1.16	0.44	46.1347	21.5891	10.3	6.6	96	14.2F	9.2	9	5	114	0.14	1.11	m	ke BUD	14679130	iLoc			205

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.4	5 BUD	14679130

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SIRR	0.14	21.4	Pg	09:47:30.427	0.2				T__		21.9	0.3			MLv	1.1	14679132	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
SIRR	0.14	21.4	Lg	09:47:33.169	-0.2				T__							14679133	FDSN	RO	--	BUD	iLoc	BHN	???	-	
(Station ML : 1.1 1																									
BZS	0.52	176.0	Pg	09:47:36.823	0.2				T__		2.0	0.0			MLv	1.1	14679134	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
BZS	0.52	176.0	Lg	09:47:43.722	-0.5				T__							14679135	FDSN	RO	--	BUD	iLoc	BHE	???	-	
(Station ML : 1.1 0																									
AMBH	0.64	290.1	Pn	09:47:39.444	-0.0				T__		2.4	0.4			MLv	2.4	14679136	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	-
(Station ML : 2.4 0																									
DRGR	1.02	49.3	Pn	09:47:45.473	0.2				T__		3.0	0.1			MLv	1.8	14679137	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
DRGR	1.02	49.3	Sn	09:47:59.854	-0.5				T__							14679138	FDSN	RO	--	BUD	iLoc	BHZ	???	-	
(Station ML : 1.8 1																									
GZR	1.11	131.3	Pg	09:47:47.351	-0.2				T__		2.5	0.0			MLv	1.5	14679139	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
GZR	1.11	131.3	Sn	09:48:02.789	0.5				T__							14679140	FDSN	RO	--	BUD	iLoc	BHE	???	-	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/21	10:43:13.60	3.46	0.10	48.5448	20.4406	25.1	11.1	2	0.0A		4	2	303	0.07	0.73	m	ke BUD	14679201	iLoc			360

Magnitude	Err	Nsta	Author	OrigID
-----------	-----	------	--------	--------

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.07	154.1	Pg	10:43:14.859	-0.0				T__		41.6	5.6			MLv	2.2	14679203	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	-
KECS	0.07	154.1	Sg	10:43:15.826	0.1				T__							14679204	FDSN	SK	--	BUD	iLoc	EHZ	???	-	
PSZ	0.73	210.4	Pg	10:43:27.515	0.0				T__		4.9	0.1			MLv	1.7	14679205	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	-
PSZ	0.73	210.4	Sg	10:43:36.804	-0.1				T__							14679206	FDSN	GE	--	BUD	iLoc	BHN	???	-	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/21	11:24:09.42	1.01	1.37	47.4793	20.3140	7.8	3.7	75	5.5F	9.2	14	7	98	0.18	2.06	m	ke BUD	14679209	iLoc			138

Magnitude Err Nsta Author OrigID
ML 1.9 0.1 6 BUD 14679209

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BSZH	0.18	190.1	Pg	11:24:14.053	0.3					T__	1.9	0.2		---	MLv	1.1	14679211	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	0.18	190.1	Lg	11:24:17.000	-0.1					T__		0.2		---		14679212	FDSN	IR	--	ISC	iLoc	???	???	_	
BSZH	0.18	190.1	Sg	11:24:18.554	1.4					T__				---		14679213	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.1 0)																									
PSZ	0.52	327.3	Pg	11:24:20.000	-0.6					T__		0.0		---		14679214	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	0.52	327.3	Lg	11:24:27.700	-1.2					T__		0.0		---		14679215	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	0.52	327.3	Pb	11:24:20.144	-0.5					T__	2.9	0.0		---	MLv	1.4	14679216	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.52	327.3	Sg	11:24:27.593	-1.3					T__				---		14679217	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.4 1)																									
KECS	1.01	6.5	Pg	11:24:31.300	2.0					T__		0.4		---		14679218	FDSN	IR	--	ISC	iLoc	???	???	_	
KECS	1.01	6.5	Sn	11:24:45.700	1.2					T__		0.4		---		14679219	FDSN	IR	--	ISC	iLoc	???	???	_	
LTVH	1.08	94.4	Pn	11:24:20.600	-9.6					---		0.2		---		14679220	FDSN	IR	--	ISC	iLoc	???	???	_	
LTVH	1.08	94.4	Pg	11:24:29.713	-1.3					T__	2.7	0.2		---	MLv	2.4	14679221	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 2.4 0)																									
AMBH	1.16	165.8	Sn	11:24:39.700	-8.3					---				---		14679222	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	1.52	142.2	Sn	11:24:55.300	-1.6					T__		0.0		---		14679223	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	1.53	142.2	Pg	11:24:39.662	-0.7					T__	2.0	0.0		---	MLv	1.8	14679224	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.8 1)																									
DRGR	1.78	111.9	Pn	11:24:41.713	1.5					T__	1.3	0.0		---	MLv	1.9	14679225	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.9 1)																									
KOVH	2.06	228.4	Pn	11:24:44.153	0.3					T__	1.6	0.0		---	MLv	2.0	14679226	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/21	21:07:52.10	0.40		45.9140	21.0860	0.1	0.0		1.0F	4.2	10			0.47	1.75	a	ke BEO	14552637	ISC			360
2015/08/21	21:07:51.21	0.27	0.35	45.8950	21.0760	2.1	1.5	134	9.2F	2.1	13		176	0.48	1.44	a	ke BUC	14552640	ISC			360
2015/08/21	21:07:50.57	1.42	2.24	45.9190	21.1069	4.3	3.3	155	0.1F	2.0	34	12	79	0.47	4.71	m	ke BUD	14679337	iLoc			152

Magnitude Err Nsta Author OrigID
ML 1.7 BEO 14552637
ml 1.5 BUC 14552640
ML 1.7 0.1 4 BUD 14679337

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BZS	0.47	130.1	Lg	21:08:07.614	0.7					T__				---		14679339	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	0.48	128.6	Pg	21:08:00.881	0.7					T__	2.7	0.0		---	MLv	1.2	14679340	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.48	128.6	Sg	21:08:07.743	0.5					T__				---		14679341	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.2 1)																									
AMBH	0.51	328.6	Pg	21:08:02.164	0.5					T__	2.5	0.1		---	MLv	1.8	14679342	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
AMBH	0.51	328.6	Lg	21:08:10.359	0.0					T__				---		14679343	FDSN	HU	--	BUD	iLoc	SHE	???	_	
(Station ML : 1.8 1)																									
SIRR	0.52	47.6	Lg	21:08:08.800	-1.0					T__				---		14679344	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.52	48.0	Pg	21:08:01.974	0.5					T__	7.3	0.1		---	MLv	1.7	14679345	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.52	48.0	Sg	21:08:09.519	-0.4					T__				---		14679346	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.7 1)																									
FRGS	1.19	230.6	Pn	21:08:13.099	-0.2					T__				---		14679347	FDSN	IR	--	ISC	iLoc	???	???	_	
FRGS	1.19	230.6	Pn	21:08:13.100	-0.2					T__				---		14679349	FDSN	IR	--	ISC	iLoc	???	???	_	

FRGS	1.19	230.6	Sn	21:08:29.242	-2.0	T__										14679350	FDSN	IR	--	ISC	iLoc	??? ???	_
FRGS	1.19	229.2	Pg	21:08:13.311	-0.1	T__	2.1	0.0					MLv	1.7		14679351	FDSN	SJ	--	BUD	iLoc	HHZ HHZ	_
FRGS	1.19	229.2	Lg	21:08:29.037	-2.1	T__										14679352	FDSN	SJ	--	BUD	iLoc	HHE ???	_
(Station ML : 1.7 1																							
MDVR	1.22	159.2	Pn	21:08:14.418	0.5	T__										14679353	FDSN	IR	--	ISC	iLoc	??? ???	_
MDVR	1.22	159.2	Sn	21:08:31.004	-1.3	T__										14679355	FDSN	IR	--	ISC	iLoc	??? ???	_
GZR	1.28	113.6	Pn	21:08:15.425	0.6	T__										14679356	FDSN	IR	--	ISC	iLoc	??? ???	_
GZR	1.28	113.6	Pg	21:08:15.800	0.7	T__										14679358	FDSN	IR	--	ISC	iLoc	??? ???	_
GZR	1.28	113.6	Sn	21:08:32.400	-1.6	T__										14679359	FDSN	IR	--	ISC	iLoc	??? ???	_
GZR	1.28	113.6	Lg	21:08:32.655	-0.7	T__										14679360	FDSN	IR	--	ISC	iLoc	??? ???	_
GZR	1.28	113.6	Sg	21:08:33.525	0.1	T__										14679361	FDSN	RO	--	BUD	iLoc	BHN ???	_
HERR	1.39	137.9	Pn	21:08:16.855	0.7	T__										14679362	FDSN	IR	--	ISC	iLoc	??? ???	_
HERR	1.39	137.9	Sn	21:08:36.177	-0.2	T__										14679364	FDSN	IR	--	ISC	iLoc	??? ???	_
DRGR	1.41	51.3	Sn	21:08:37.984	0.3	T__										14679365	FDSN	IR	--	ISC	iLoc	??? ???	_
DRGR	1.41	51.3	Lg	21:08:38.455	-2.9	T__										14679367	FDSN	RO	--	BUD	iLoc	BHN ???	_
TRUS	1.77	196.6	Pg	21:08:23.800	-0.5	T__										14679368	FDSN	IR	--	ISC	iLoc	??? ???	_
TRUS	1.77	196.6	Sn	21:08:46.300	1.3	T__										14679369	FDSN	IR	--	ISC	iLoc	??? ???	_
UDBI	4.02	251.7	Lg	21:10:08.400	5.5	T__										14679370	FDSN	IR	--	ISC	iLoc	??? ???	_
MORI	4.35	243.8	Lg	21:10:02.740	-11.2	---										14679371	FDSN	IR	--	ISC	iLoc	??? ???	_
ZIRJ	4.50	241.7	Lg	21:10:07.400	-11.6	---										14679372	FDSN	IR	--	ISC	iLoc	??? ???	_
NVLJ	4.61	255.1	Lg	21:10:26.490	5.6	T__										14679373	FDSN	IR	--	ISC	iLoc	??? ???	_
DUGI	4.71	248.0	Lg	21:10:17.470	-7.8	T__										14679374	FDSN	IR	--	ISC	iLoc	??? ???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/24	11:54:40.20	0.40		46.0550	23.0030	0.1	0.0		0.0F	0.0	27			0.68	3.34	a	ke BEO	14552941	ISC			360
2015/08/24	11:54:39.85	0.19	0.52	45.9996	22.8043	1.7	1.3	104	6.1F	1.7	28		66	0.13	2.32	a	ke BUC	14552944	ISC			360
2015/08/24	11:54:38.73	0.79	1.83	46.0729	22.8409	3.0	2.4	112	7.2F	6.0	72	24	69	0.19	3.34	m	ke BUD	14679735	iLoc			115

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		BEO	14552941
ml	2.1		BUC	14552944
ML	2.2	0.1	5 BUD	14679735

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DEV	0.19	167.9	Pg	11:54:41.977	-0.6					T__	52.5	2.5		---	MLv	2.2	14679737	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DEV	0.19	167.9	Lg	11:54:45.352	-0.2					T__				---			14679738	FDSN	RO	--	BUD	iLoc	BHN	???	_
DEV	0.19	167.1	Sg	11:54:45.186	-0.5					T__		1.8		---			14679739	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.2 1																									
GZR	0.68	183.8	Pg	11:54:51.200	-0.7					T__				---			14679740	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	0.68	183.8	Pb	11:54:51.327	-0.6					T__	14.2	0.2		---	MLv	2.1	14679741	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	0.68	183.8	Lg	11:55:00.512	-1.3					T__				---			14679742	FDSN	RO	--	BUD	iLoc	BHE	???	_
GZR	0.68	183.8	Sg	11:55:02.000	0.2					T__				---			14679743	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.1 1																									
DRGR	0.72	352.9	Pg	11:54:52.900	-0.4					T__				---			14679744	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.72	352.9	Pn	11:54:55.202	0.6					T__		0.1		---			14679746	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.72	352.9	Pn	11:54:55.202	0.6					T__				---			14679745	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.72	352.9	Lg	11:55:05.200	0.1					T__				---			14679747	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.72	352.9	Sg	11:55:05.496	0.4					T__		0.1		---			14679748	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.72	352.9	Sb	11:55:05.063	-0.0					T__				---			14679749	FDSN	RO	--	BUD	iLoc	BHE	???	_
CJR	0.83	39.0	Pn	11:54:57.526	1.3					T__		0.3		---			14679750	FDSN	IR	--	ISC	iLoc	???	???	_
CJR	0.83	39.0	Sn	11:55:11.080	1.1					T__		0.3		---			14679751	FDSN	IR	--	ISC	iLoc	???	???	_

SIRR	0.84	283.6	Pg	11:54:55.088	-0.7	T__	12.8	0.2	---	MLv	2.3	14679752	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
SIRR	0.84	283.8	Pb	11:54:55.511	-0.3	T__			---			14679753	FDSN	IR	--	ISC	iLoc	???	???	-
SIRR	0.84	283.8	Pb	11:54:55.511	-0.3	T__		0.1	---			14679754	FDSN	IR	--	ISC	iLoc	???	???	-
SIRR	0.84	283.8	Pn	11:54:55.900	-0.1	T__			---			14679755	FDSN	IR	--	ISC	iLoc	???	???	-
SIRR	0.84	283.8	Lg	11:55:07.275	-1.3	T__		0.1	---			14679756	FDSN	IR	--	ISC	iLoc	???	???	-
SIRR	0.84	283.8	Sn	11:55:10.800	1.1	T__			---			14679757	FDSN	IR	--	ISC	iLoc	???	???	-
(Station ML : 2.3 1																				
LOT	0.90	133.5	Lg	11:55:08.362	-0.9	T__			---			14679758	FDSN	IR	--	ISC	iLoc	???	???	-
LOT	0.90	133.5	Lg	11:55:08.362	-0.9	T__		0.1	---			14679759	FDSN	IR	--	ISC	iLoc	???	???	-
BZS	0.95	242.0	Pg	11:54:56.814	-0.6	T__	4.0	0.1	---	MLv	1.9	14679760	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
BZS	0.95	242.0	Lg	11:55:10.594	-0.6	T__			---			14679761	FDSN	RO	--	BUD	iLoc	BHN	???	-
BZS	0.97	242.4	Pg	11:54:57.244	-0.4	T__			---			14679762	FDSN	IR	--	ISC	iLoc	???	???	-
BZS	0.97	242.4	Pn	11:54:58.900	1.4	T__			---			14679764	FDSN	IR	--	ISC	iLoc	???	???	-
BZS	0.97	242.4	Lg	11:55:10.130	-1.6	T__			---			14679765	FDSN	IR	--	ISC	iLoc	???	???	-
BZS	0.97	242.4	Sn	11:55:14.200	1.7	T__			---			14679766	FDSN	IR	--	ISC	iLoc	???	???	-
(Station ML : 1.9 0																				
HERR	1.23	194.2	Pn	11:55:01.230	-0.1	T__			---			14679767	FDSN	IR	--	ISC	iLoc	???	???	-
HERR	1.23	194.2	Pn	11:55:01.230	-0.1	T__		0.2	---			14679768	FDSN	IR	--	ISC	iLoc	???	???	-
HERR	1.23	194.2	Sn	11:55:18.195	-1.0	T__		0.2	---			14679769	FDSN	IR	--	ISC	iLoc	???	???	-
DJES	1.43	189.2	Pg	11:55:06.100	0.2	T__			---			14679770	FDSN	IR	--	ISC	iLoc	???	???	-
DJES	1.43	189.2	Sn	11:55:24.500	0.2	T__			---			14679771	FDSN	IR	--	ISC	iLoc	???	???	-
DJES	1.43	189.2	Lg	11:55:24.850	-0.8	T__			---			14679772	FDSN	IR	--	ISC	iLoc	???	???	-
DJES	1.43	189.2	Lg	11:55:24.850	-0.8	T__		0.4	---			14679773	FDSN	IR	--	ISC	iLoc	???	???	-
SRE	1.43	169.6	Pg	11:55:05.853	0.0	T__			---			14679774	FDSN	IR	--	ISC	iLoc	???	???	-
SRE	1.43	169.6	Pg	11:55:05.853	0.0	T__		0.2	---			14679775	FDSN	IR	--	ISC	iLoc	???	???	-
SRE	1.43	169.6	Sn	11:55:24.571	-0.0	T__		0.2	---			14679776	FDSN	IR	--	ISC	iLoc	???	???	-
ARCR	1.45	45.3	Pg	11:55:07.993	1.2	T__			---			14679777	FDSN	IR	--	ISC	iLoc	???	???	-
ARCR	1.45	45.3	Pg	11:55:07.993	1.2	T__		0.2	---			14679778	FDSN	IR	--	ISC	iLoc	???	???	-
ARCR	1.45	45.3	Lg	11:55:27.955	-0.2	T__		0.2	---			14679779	FDSN	IR	--	ISC	iLoc	???	???	-
MDVR	1.52	212.0	Pn	11:55:06.779	1.2	T__			---			14679780	FDSN	IR	--	ISC	iLoc	???	???	-
MDVR	1.52	212.0	Pn	11:55:06.779	1.2	T__		0.1	---			14679781	FDSN	IR	--	ISC	iLoc	???	???	-
MDVR	1.52	212.0	Pg	11:55:07.600	-0.5	T__			---			14679782	FDSN	IR	--	ISC	iLoc	???	???	-
MDVR	1.52	212.0	Sn	11:55:26.741	-0.0	T__		0.1	---			14679783	FDSN	IR	--	ISC	iLoc	???	???	-
MDVR	1.52	212.0	Lg	11:55:28.800	-0.5	T__			---			14679784	FDSN	IR	--	ISC	iLoc	???	???	-
VOIR	1.67	111.6	Pn	11:55:09.403	1.2	T__			---			14679785	FDSN	IR	--	ISC	iLoc	???	???	-
VOIR	1.67	111.6	Sn	11:55:31.470	0.1	T__			---			14679787	FDSN	IR	--	ISC	iLoc	???	???	-
KUBS	1.85	206.8	Pg	11:55:15.300	1.0	T__			---			14679788	FDSN	IR	--	ISC	iLoc	???	???	-
KUBS	1.85	206.8	Lg	11:55:37.900	-1.6	T__			---			14679789	FDSN	IR	--	ISC	iLoc	???	???	-
BURAR	2.24	45.7	Pg	11:55:19.194	-2.7	T__			---			14679790	FDSN	IR	--	ISC	iLoc	???	???	-
BURAR	2.24	45.7	Sn	11:55:49.277	3.7	T__			---			14679791	FDSN	IR	--	ISC	iLoc	???	???	-
MLR	2.25	103.9	Pn	11:55:17.664	0.9	T__	1.6	0.0	---	MLv	2.3	14679792	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
MLR	2.25	103.9	Sn	11:55:47.225	0.6	T__			---			14679793	FDSN	IR	--	ISC	iLoc	???	???	-
(Station ML : 2.3 0																				
BURAR	2.26	45.0	Pb	11:55:19.884	-2.2	T__			---			14679794	FDSN	RO	--	BUD	iLoc	BHZ	???	-
BURAR	2.26	45.0	Lg	11:55:50.476	-4.0	T__			---			14679795	FDSN	RO	--	BUD	iLoc	BHE	???	-
ZAGS	2.30	191.0	Pg	11:55:19.500	-2.6	T__			---			14679796	FDSN	IR	--	ISC	iLoc	???	???	-
ZAGS	2.30	191.0	Sn	11:55:49.200	3.5	T__			---			14679797	FDSN	IR	--	ISC	iLoc	???	???	-
TRUS	2.53	223.8	Pg	11:55:23.800	-2.9	T__			---			14679798	FDSN	IR	--	ISC	iLoc	???	???	-
TRUS	2.53	223.8	Lg	11:55:56.300	-4.1	T__			---			14679799	FDSN	IR	--	ISC	iLoc	???	???	-
GRUS	2.65	215.4	Pg	11:55:26.300	-2.7	T__			---			14679800	FDSN	IR	--	ISC	iLoc	???	???	-
GRUS	2.65	215.4	Sn	11:55:57.800	3.8	T__			---			14679801	FDSN	IR	--	ISC	iLoc	???	???	-
ZAPS	2.80	183.1	Pn	11:55:24.700	1.1	T__			---			14679802	FDSN	IR	--	ISC	iLoc	???	???	-
ZAPS	2.80	183.1	Sn	11:56:00.600	2.3	T__			---			14679803	FDSN	IR	--	ISC	iLoc	???	???	-

DIVS	2.82	226.6	Pg	11:55:29.000	-3.4	T__	---	14679804	FDSN	IR	--	ISC	iLoc	??? ???	_
DIVS	2.82	226.6	Sn	11:56:03.700	5.0	T__	---	14679805	FDSN	IR	--	ISC	iLoc	??? ???	_
IVAS	3.14	218.4	Pn	11:55:31.200	3.0	T__	---	14679806	FDSN	IR	--	ISC	iLoc	??? ???	_
BARS	3.34	193.1	Pn	11:55:35.200	4.3	T__	---	14679807	FDSN	IR	--	ISC	iLoc	??? ???	_
BARS	3.34	193.1	Sn	11:56:14.500	3.5	T__	---	14679808	FDSN	IR	--	ISC	iLoc	??? ???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/26	10:53:32.31	1.32	0.51	48.5717	20.7656	11.6	4.7	142	5.1F	12.3	9	6	167	0.21	1.28	m	ke BUD	14680205	iLoc			201

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.6	4 BUD	14680205

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.21	244.7	Pg	10:53:36.580	-0.1					T__	563.0	11.3		---	MLv	2.9	14680207	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	244.7	Lg	10:53:40.348	0.4					T__				---		14680208	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 2.9 1																									
CRVS	0.57	54.1	Pg	10:53:43.152	0.1					T__	2.3	0.0		---	MLv	0.8	14680209	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.57	54.1	Lg	10:53:51.871	-0.4					T__				---		14680210	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 0.8 1																									
PSZ	0.88	222.0	Pn	10:53:50.289	-0.2					T__	3.0	0.0		---	MLv	1.7	14680211	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.88	222.0	Lg	10:54:03.951	0.1					T__				---		14680212	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.7 1																									
STHS	0.90	20.2	Lg	10:54:03.257	0.7					T__				---		14680213	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
LANS	1.03	304.5	Pg	10:53:52.148	-0.5					T__	3.0	0.0		---	MLv	1.7	14680214	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 1.7 1																									
VYHS	1.28	267.3	Sn	10:54:15.251	0.4					T__				---		14680215	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/26	18:14:44.00		0.50	45.9130	16.0630				5.1A							a	ke LJU	14553784	ISC			360
2015/08/26	18:14:45.90	0.33		45.8600	15.9920	0.0	0.0		5.8F	5.4	16			0.37	1.40	a	ke RHSSO	14553791	ISC			360
2015/08/26	18:14:44.88	0.59	0.66	45.9439	16.0274	3.6	2.4	111	8.0F	0.0	30		2	1.01	2.56	a	ke VIE	14553787	ISC			360
2015/08/26	18:14:44.53	0.80	0.92	45.8967	16.0473	2.6	2.2	146	5.0F	4.9	92	46	37	0.06	2.59	m	ke BUD	14680233	iLoc			69

Magnitude	Err	Nsta	Author	OrigID
ML	1.8		LJU	14553784
ML	2.0		RHSSO	14553791
mb	1.8		VIE	14553787
ml	2.1		VIE	14553787
ML	2.2	0.4	7 BUD	14680233

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PTJ	0.06	280.9	Pg	18:14:45.461	-0.7					T__	764.4	17.9		---	MLv	2.7	14680235	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.06	280.9	Lg	18:14:46.503	-0.9					T__				---		14680236	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.7 1																									
ZAG	0.08	211.2	Pg	18:14:46.450	-0.1					T__				---		14680237	FDSN	IR	--	ISC	iLoc	???	???	_	
ZAG	0.08	211.2	Lg	18:14:48.530	0.4					T__				---		14680238	FDSN	IR	--	ISC	iLoc	???	???	_	
LOBO	0.26	3.3	Pg	18:14:49.310	-0.6					T__				---		14680239	FDSN	IR	--	ISC	iLoc	???	???	_	
LOBO	0.26	3.3	Lg	18:14:52.980	-1.1					T__				---		14680240	FDSN	IR	--	ISC	iLoc	???	???	_	

GCIS	0.29	264.4	Pg	18:14:50.180	-0.3	T__				14680241	FDSN	IR	--	ISC	iLoc	???	???	_		
GCIS	0.29	264.4	Lg	18:14:54.750	-0.3	T__				14680242	FDSN	IR	--	ISC	iLoc	???	???	_		
GCIS	0.29	264.4	x	18:14:56.290	-99.0	---		28.3	0.10	---	14680243	FDSN	IR	--	ISC	iLoc	???	???	_	
GOLS	0.32	291.3	Pg	18:14:50.680	-0.3	T__				14680244	FDSN	IR	--	ISC	iLoc	???	???	_		
GOLS	0.32	291.3	x	18:14:56.630	-99.0	---		56.6	0.20	---	14680245	FDSN	IR	--	ISC	iLoc	???	???	_	
KALN	0.37	50.4	Pg	18:14:51.520	-0.8	T__				14680246	FDSN	IR	--	ISC	iLoc	???	???	_		
KALN	0.37	50.4	Lg	18:14:56.440	-1.8	T__				14680247	FDSN	IR	--	ISC	iLoc	???	???	_		
CESS	0.41	280.9	Pg	18:14:52.820	0.1	T__				14680248	FDSN	IR	--	ISC	iLoc	???	???	_		
CESS	0.41	280.9	Lg	18:14:58.900	-0.2	T__				14680249	FDSN	IR	--	ISC	iLoc	???	???	_		
CESS	0.41	280.9	x	18:15:00.520	-99.0	---		193.0	0.27	---	14680250	FDSN	IR	--	ISC	iLoc	???	???	_	
CRES	0.42	260.5	Pg	18:14:52.439	-0.3	T__	15.9	0.2		MLv	1.8	14680251	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.42	260.5	Lg	18:14:58.723	-0.6	T__				---	14680252	FDSN	SL	--	BUD	iLoc	BHE	???	_	
CRES	0.42	260.5	Sg	18:14:59.000	-0.3	T__				---	14680253	FDSN	IR	--	ISC	iLoc	???	???	_	
CRES	0.42	260.5	x	18:15:00.830	-99.0	---		77.1	0.18	---	14680254	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.8 1																				
DOBS	0.48	302.3	Pg	18:14:53.830	-0.0	T__				---	14680255	FDSN	IR	--	ISC	iLoc	???	???	_	
DOBS	0.48	302.3	x	18:15:03.000	-99.0	---		33.9	0.13	---	14680256	FDSN	IR	--	ISC	iLoc	???	???	_	
OZLJ	0.49	235.5	Pg	18:14:53.830	-0.3	T__				---	14680257	FDSN	IR	--	ISC	iLoc	???	???	_	
OZLJ	0.49	235.5	Lg	18:15:01.470	-0.1	T__				---	14680258	FDSN	IR	--	ISC	iLoc	???	???	_	
LEGS	0.51	276.1	Pg	18:14:54.460	-0.0	T__				---	14680259	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.57	14.3	Pg	18:14:56.160	0.3	T__				---	14680260	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.57	14.3	x	18:15:08.780	-99.0	---		55.6	0.20	---	14680261	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.57	14.3	Pb	18:14:57.320	1.4	T__	11.0	1.3		MLv	2.9	14680262	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.57	14.3	Lg	18:15:03.506	-0.7	T__				---	14680263	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.9 0																				
MOSL	0.57	119.5	Pg	18:14:55.280	-0.8	T__				---	14680264	FDSN	IR	--	ISC	iLoc	???	???	_	
MOSL	0.57	119.5	Lg	18:15:01.760	-2.9	T__				---	14680265	FDSN	IR	--	ISC	iLoc	???	???	_	
GROS	0.68	326.3	Pg	18:14:57.320	-0.5	T__				---	14680266	FDSN	IR	--	ISC	iLoc	???	???	_	
GROS	0.68	326.3	x	18:15:07.200	-99.0	---		20.4	0.21	---	14680267	FDSN	IR	--	ISC	iLoc	???	???	_	
BOJS	0.68	235.1	Pg	18:14:57.200	-0.5	T__				---	14680268	FDSN	IR	--	ISC	iLoc	???	???	_	
BOJS	0.68	235.1	Pb	18:14:57.460	-0.3	T__				---	14680269	FDSN	IR	--	ISC	iLoc	???	???	_	
BOJS	0.68	235.1	Lg	18:15:06.500	-1.5	T__				---	14680270	FDSN	IR	--	ISC	iLoc	???	???	_	
BOJS	0.68	235.1	x	18:15:10.490	-99.0	---		18.1	0.26	---	14680271	FDSN	IR	--	ISC	iLoc	???	???	_	
PDKS	0.75	283.0	Pg	18:14:58.730	-0.3	T__				---	14680272	FDSN	IR	--	ISC	iLoc	???	???	_	
PDKS	0.75	283.0	x	18:15:14.970	-99.0	---		17.9	0.18	---	14680273	FDSN	IR	--	ISC	iLoc	???	???	_	
BEHE	0.76	41.1	Pg	18:15:00.800	0.9	T__				---	14680274	FDSN	IR	--	ISC	iLoc	???	???	_	
BEHE	0.76	41.1	Lg	18:15:11.900	0.6	T__				---	14680275	FDSN	IR	--	ISC	iLoc	???	???	_	
BEHE	0.77	41.1	Pb	18:15:00.917	1.0	T__	7.4	0.4		MLv	2.5	14680276	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.77	41.1	Sg	18:15:11.006	-0.3	T__				---	14680277	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.5 1																				
VISS	0.85	264.1	Pg	18:15:00.240	-0.5	T__				---	14680278	FDSN	IR	--	ISC	iLoc	???	???	_	
VISS	0.85	264.1	Lg	18:15:13.270	-0.3	T__				---	14680279	FDSN	IR	--	ISC	iLoc	???	???	_	
VNDS	0.96	282.8	Pg	18:15:02.850	0.0	T__				---	14680280	FDSN	IR	--	ISC	iLoc	???	???	_	
VNDS	0.96	282.8	Lg	18:15:17.340	0.4	T__				---	14680281	FDSN	IR	--	ISC	iLoc	???	???	_	
VNDS	0.96	282.8	x	18:15:20.440	-99.0	---		33.5	0.30	---	14680282	FDSN	IR	--	ISC	iLoc	???	???	_	
PERS	0.98	319.2	Pg	18:15:02.790	-0.5	T__				---	14680283	FDSN	IR	--	ISC	iLoc	???	???	_	
PERS	0.98	319.2	x	18:15:20.740	-99.0	---		22.6	0.25	---	14680284	FDSN	IR	--	ISC	iLoc	???	???	_	
SOKA	1.05	318.4	Pg	18:15:03.902	-0.8	T__	23.0	8.2	0.24	---	14680285	FDSN	IR	--	ISC	iLoc	???	???	_	
SOKA	1.05	318.4	Lg	18:15:18.464	-1.1	T__		7.2	0.44	---	14680286	FDSN	IR	--	ISC	iLoc	???	???	_	
MRAK	1.07	145.5	Pg	18:15:04.900	-0.7	T__				---	14680287	FDSN	IR	--	ISC	iLoc	???	???	_	
MRAK	1.07	145.5	Lg	18:15:19.800	-1.3	T__				---	14680288	FDSN	IR	--	ISC	iLoc	???	???	_	
LJU	1.07	278.4	Pg	18:15:04.700	-0.1	T__				---	14680289	FDSN	IR	--	ISC	iLoc	???	???	_	
LJU	1.07	278.4	Lg	18:15:18.900	-1.4	T__				---	14680290	FDSN	IR	--	ISC	iLoc	???	???	_	

CEY	1.14	262.6	Pg	18:15:05.700	-0.3	T__					14680291	FDSN	IR	--	ISC	iLoc	??? ???	_		
CEY	1.14	262.6	Pn	18:15:07.380	0.8	T__					14680292	FDSN	IR	--	ISC	iLoc	??? ???	_		
CEY	1.14	262.6	Lg	18:15:21.000	-1.7	T__					14680293	FDSN	IR	--	ISC	iLoc	??? ???	_		
CEY	1.14	262.6	Sn	18:15:23.560	-0.7	T__					14680294	FDSN	IR	--	ISC	iLoc	??? ???	_		
CEY	1.14	262.6	x	18:15:25.280	-99.0	---		20.9	0.26	---	14680295	FDSN	IR	--	ISC	iLoc	??? ???	_		
MOZS	1.18	290.2	Pg	18:15:06.620	-0.3	T__					14680296	FDSN	IR	--	ISC	iLoc	??? ???	_		
MOZS	1.18	290.2	Sn	18:15:24.240	-0.7	T__					14680297	FDSN	IR	--	ISC	iLoc	??? ???	_		
MOZS	1.18	290.2	x	18:15:26.170	-99.0	---		15.7	0.35	---	14680298	FDSN	IR	--	ISC	iLoc	??? ???	_		
OBKA	1.21	301.0	Lg	18:15:23.683	-1.1	T__		34.2	0.35	---	14680299	FDSN	IR	--	ISC	iLoc	??? ???	_		
OBKA	1.21	301.0	Pn	18:15:07.434	-0.0	T__	7.1	0.1		---	MLv	2.2	14680300	FDSN	OE	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 2.2 1																				
CRNS	1.26	279.0	Pg	18:15:08.330	0.2	T__					14680301	FDSN	IR	--	ISC	iLoc	??? ???	_		
CRNS	1.26	279.0	Sn	18:15:26.570	-0.3	T__					14680302	FDSN	IR	--	ISC	iLoc	??? ???	_		
UDBI	1.38	188.4	Pn	18:15:10.510	-0.0	T__					14680303	FDSN	IR	--	ISC	iLoc	??? ???	_		
UDBI	1.38	188.4	Sn	18:15:28.120	-2.3	T__					14680304	FDSN	IR	--	ISC	iLoc	??? ???	_		
JAVS	1.38	270.6	Pn	18:15:10.220	0.1	T__					14680305	FDSN	IR	--	ISC	iLoc	??? ???	_		
JAVS	1.38	270.6	x	18:15:33.660	-99.0	---		23.7	0.51	---	14680306	FDSN	IR	--	ISC	iLoc	??? ???	_		
BLY	1.40	144.7	Pn	18:15:11.200	1.0	T__					14680307	FDSN	IR	--	ISC	iLoc	??? ???	_		
BLY	1.40	144.7	Sn	18:15:29.700	-0.3	T__					14680308	FDSN	IR	--	ISC	iLoc	??? ???	_		
ARSA	1.40	345.2	Pn	18:15:10.066	0.1	T__	2.9	0.0		---	MLv	1.8	14680309	FDSN	OE	--	BUD	iLoc	BHZ BHZ	_
ARSA	1.40	345.2	Pg	18:15:09.879	-1.9	T__		2.0	0.25	---	14680310	FDSN	IR	--	ISC	iLoc	??? ???	_		
ARSA	1.40	345.2	Sn	18:15:29.548	-0.1	T__		3.1	0.28	---	14680311	FDSN	IR	--	ISC	iLoc	??? ???	_		
(Station ML : 1.8 0																				
KOVH	1.44	81.6	Pn	18:15:12.257	1.5	T__	4.2	0.1		---	MLv	2.0	14680312	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
KOVH	1.44	81.6	Sn	18:15:31.490	0.6	T__				---	14680313	FDSN	HU	--	BUD	iLoc	BHN ???	_		
(Station ML : 2.0 1																				
RABC	1.45	218.4	Sn	18:15:31.620	0.4	T__					14680314	FDSN	IR	--	ISC	iLoc	??? ???	_		
SKDS	1.47	256.9	Pg	18:15:11.500	-0.0	T__					14680315	FDSN	IR	--	ISC	iLoc	??? ???	_		
SKDS	1.47	256.9	Pb	18:15:11.700	0.2	T__					14680316	FDSN	IR	--	ISC	iLoc	??? ???	_		
SKDS	1.47	256.9	Sn	18:15:29.900	-2.2	T__					14680317	FDSN	IR	--	ISC	iLoc	??? ???	_		
SKDS	1.47	256.9	Lg	18:15:32.540	-0.2	T__					14680318	FDSN	IR	--	ISC	iLoc	??? ???	_		
SKDS	1.47	256.9	x	18:15:33.660	-99.0	---		19.4	0.39	---	14680319	FDSN	IR	--	ISC	iLoc	??? ???	_		
GORS	1.49	287.1	Pg	18:15:13.250	0.8	T__					14680320	FDSN	IR	--	ISC	iLoc	??? ???	_		
GORS	1.49	287.1	Lg	18:15:32.720	-0.7	T__					14680321	FDSN	IR	--	ISC	iLoc	??? ???	_		
GORS	1.49	287.1	x	18:15:34.810	-99.0	---		5.8	0.24	---	14680322	FDSN	IR	--	ISC	iLoc	??? ???	_		
VOJS	1.52	275.9	Pn	18:15:12.240	0.4	T__					14680323	FDSN	IR	--	ISC	iLoc	??? ???	_		
VOJS	1.52	275.9	Lg	18:15:34.500	0.2	T__					14680324	FDSN	IR	--	ISC	iLoc	??? ???	_		
VOJS	1.52	275.9	x	18:15:38.450	-99.0	---		8.9	0.29	---	14680325	FDSN	IR	--	ISC	iLoc	??? ???	_		
NVLJ	1.57	212.4	Pg	18:15:14.900	-0.7	T__					14680326	FDSN	IR	--	ISC	iLoc	??? ???	_		
NVLJ	1.57	212.4	Sn	18:15:34.580	0.4	T__					14680327	FDSN	IR	--	ISC	iLoc	??? ???	_		
MYKA	1.82	294.6	Pg	18:15:18.622	-0.5	T__		0.3	0.10	---	14680328	FDSN	IR	--	ISC	iLoc	??? ???	_		
MYKA	1.82	294.6	Lg	18:15:43.704	-0.1	T__		2.7	0.36	---	14680329	FDSN	IR	--	ISC	iLoc	??? ???	_		
BRJN	1.90	239.3	Pn	18:15:19.210	1.7	T__					14680330	FDSN	IR	--	ISC	iLoc	??? ???	_		
BRJN	1.90	239.3	Sn	18:15:43.370	0.2	T__					14680331	FDSN	IR	--	ISC	iLoc	??? ???	_		
KIJV	1.91	172.2	Sn	18:15:43.330	0.2	T__					14680332	FDSN	IR	--	ISC	iLoc	??? ???	_		
DUGI	2.03	200.6	Pn	18:15:21.320	1.6	T__					14680333	FDSN	IR	--	ISC	iLoc	??? ???	_		
DUGI	2.03	200.6	Sn	18:15:46.680	0.3	T__					14680334	FDSN	IR	--	ISC	iLoc	??? ???	_		
CONA	2.04	356.5	Pn	18:15:19.562	0.5	T__		0.4	0.16	---	14680335	FDSN	IR	--	ISC	iLoc	??? ???	_		
CONA	2.04	356.5	Lg	18:15:50.094	-1.9	T__		3.9	0.54	---	14680336	FDSN	IR	--	ISC	iLoc	??? ???	_		
MORI	2.04	186.9	Pn	18:15:20.730	0.8	T__					14680337	FDSN	IR	--	ISC	iLoc	??? ???	_		
MORI	2.04	186.9	Sn	18:15:47.800	1.2	T__					14680338	FDSN	IR	--	ISC	iLoc	??? ???	_		
ZIRJ	2.26	187.4	Pn	18:15:23.700	0.6	T__					14680339	FDSN	IR	--	ISC	iLoc	??? ???	_		
ZIRJ	2.26	187.4	Sn	18:15:52.510	0.5	T__					14680340	FDSN	IR	--	ISC	iLoc	??? ???	_		

RICI	2.52	161.8	Pn	18:15:28.510	1.8	T__										14680341	FDSN	IR	--	ISC	iLoc	??? ???	-
RICI	2.52	161.8	Sn	18:15:58.960	0.5	T__										14680342	FDSN	IR	--	ISC	iLoc	??? ???	-
ABTA	2.59	290.4	Pn	18:15:28.165	1.2	T__					0.5	0.16	---			14680343	FDSN	IR	--	ISC	iLoc	??? ???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/08/27	13:53:10.35	1.31	0.47	48.2824	19.8884	6.9	6.0	167	3.8F	19.4	7	4	131	0.36	1.21	m	ke BUD	14680400	iLoc			239

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.5	4 BUD	14680400

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.36	179.4	Pg	13:53:18.212	-0.1					T__	15.9	0.3		---	MLv	1.8	14680402	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	-
PSZ	0.36	179.4	Lg	13:53:24.451	0.2					T__				---		14680403	FDSN	GE	--	BUD	iLoc	BHN	???	-	
(Station ML : 1.8 1																									
KECS	0.45	63.0	Pg	13:53:19.034	-0.2					T__	11.6	1.4		---	MLv	2.7	14680404	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	-
KECS	0.45	63.0	Lg	13:53:26.421	0.4					T__				---		14680405	FDSN	SK	--	BUD	iLoc	EHN	???	-	
(Station ML : 2.7 1																									
VYHS	0.73	287.2	Pg	13:53:25.373	0.3					T__	1.9	0.0		---	MLv	1.1	14680406	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	-
VYHS	0.73	287.2	Lg	13:53:35.245	-0.6					T__				---		14680407	FDSN	SK	--	BUD	iLoc	HHE	???	-	
(Station ML : 1.1 1																									
CRVS	1.21	58.7	Pn	13:53:33.404	-0.0					T__	2.9	0.0		---	MLv	1.3	14680408	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/09/02	09:03:45.99	0.74	0.64	48.4474	17.2702	5.3	2.5	70	0.0F	0.0	11		25	1.07	2.97	a	ke VIE	14556478	ISC			360
2015/09/02	09:03:46.57	0.96	0.83	48.3695	17.2720	6.6	3.7	119	10.2F	8.2	19	12	88	0.21	2.95	m	ke BUD	14681745	iLoc			143

Magnitude	Err	Nsta	Author	OrigID
mb	1.9		VIE	14556478
ml	2.1		VIE	14556478
ML	2.0	0.5	4 BUD	14681745

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ZST	0.21	213.2	Pg	09:03:51.244	-0.1					T__	30.5	12.5		---	MLv	3.0	14681747	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	-
ZST	0.21	213.2	Lg	09:03:55.197	0.4					T__				---		14681748	FDSN	SK	--	BUD	iLoc	HHE	???	-	
(Station ML : 3.0 1																									
JAVC	0.56	28.2	Pg	09:03:57.465	-0.4					T__				---		14681749	FDSN	CZ	--	BUD	iLoc	BHZ	???	-	
JAVC	0.56	28.2	Lg	09:04:07.707	1.5					T__				---		14681750	FDSN	CZ	--	BUD	iLoc	BHN	???	-	
JAVC	0.56	28.2	Pb	09:03:57.200	-0.7					T__				---		14681751	FDSN	IR	--	ISC	iLoc	???	???	-	
JAVC	0.56	28.2	Sg	09:04:06.200	0.0					T__				---		14681752	FDSN	IR	--	ISC	iLoc	???	???	-	
SOP	0.84	215.2	Pg	09:04:02.730	-0.5					T__	3.5	0.1		---	MLv	2.1	14681753	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	-
(Station ML : 2.1 1																									
KRUC	0.90	320.4	Pg	09:04:02.900	-0.8					T__				---		14681754	FDSN	IR	--	ISC	iLoc	???	???	-	
KRUC	0.90	320.4	Pb	09:04:03.212	-0.5					T__				---		14681755	FDSN	CZ	--	BUD	iLoc	BHZ	???	-	
EGYH	0.95	177.6	Lg	09:04:17.759	-0.7					T__				---		14681756	FDSN	HU	--	BUD	iLoc	SHN	???	-	
VRAC	1.04	334.7	Pn	09:04:06.257	0.1					T__				---		14681757	FDSN	CZ	--	BUD	iLoc	BHZ	???	-	
CONA	1.04	245.5	Pn	09:04:06.299	-0.1					T__			1.9	0.26	---		14681758	FDSN	IR	--	ISC	iLoc	???	???	-
CONA	1.04	245.5	Sn	09:04:22.731	1.0					T__			20.9	0.36	---		14681759	FDSN	IR	--	ISC	iLoc	???	???	-
VYHS	1.05	82.6	Pg	09:04:07.323	-0.0					T__	3.1	0.0		---	MLv	1.5	14681760	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	-

ml 2.2 VIE 14556627
ML 2.5 0.5 4 BUD 14681999

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PTJ	0.16	194.9	Pg	17:32:16.773	0.3					T__	93.0	2.9		---	MLv	2.2	14682001	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.16	194.9	Lg	17:32:18.094	-1.0					T__				---			14682002	FDSN	CR	--	BUD	iLoc	BHE	???	_
(Station ML : 2.2 1																									
ZAG	0.23	186.7	Pg	17:32:19.000	1.1					T__				---			14682003	FDSN	IR	--	ISC	iLoc	???	???	_
ZAG	0.23	186.7	Lg	17:32:21.570	-0.1					T__				---			14682004	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	0.31	76.3	Pg	17:32:19.420	-0.3					T__				---			14682005	FDSN	IR	--	ISC	iLoc	???	???	_
GCIS	0.34	235.5	Pg	17:32:19.860	0.0					T__				---			14682006	FDSN	IR	--	ISC	iLoc	???	???	_
GCIS	0.34	235.5	Lg	17:32:24.560	-0.5					T__				---			14682007	FDSN	IR	--	ISC	iLoc	???	???	_
GCIS	0.34	235.5	x	17:32:26.260	-99.0					---		70.5	0.14	---			14682008	FDSN	IR	--	ISC	iLoc	???	???	_
DOBS	0.40	283.3	Pg	17:32:21.080	0.2					T__				---			14682009	FDSN	IR	--	ISC	iLoc	???	???	_
DOBS	0.40	283.3	Lg	17:32:26.850	-0.0					T__				---			14682010	FDSN	IR	--	ISC	iLoc	???	???	_
DOBS	0.40	283.3	x	17:32:27.330	-99.0					---		114.0	0.17	---			14682011	FDSN	IR	--	ISC	iLoc	???	???	_
CESS	0.40	257.8	Pg	17:32:21.350	0.4					T__				---			14682012	FDSN	IR	--	ISC	iLoc	???	???	_
CESS	0.40	257.8	Lg	17:32:27.500	0.4					T__				---			14682013	FDSN	IR	--	ISC	iLoc	???	???	_
CESS	0.40	257.8	x	17:32:30.330	-99.0					---		128.0	0.17	---			14682014	FDSN	IR	--	ISC	iLoc	???	???	_
KOGS	0.42	21.7	x	17:32:29.430	-99.0					---		52.0	0.08	---			14682015	FDSN	IR	--	ISC	iLoc	???	???	_
KOGS	0.42	21.7	Pg	17:32:21.994	0.5					T__	24.4	3.1		---	MLv	3.0	14682016	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.42	21.7	Lg	17:32:28.360	0.6					T__				---			14682017	FDSN	SL	--	BUD	iLoc	BHE	???	_
(Station ML : 3.0 1																									
LEGS	0.51	257.6	Pg	17:32:23.180	0.2					T__				---			14682018	FDSN	IR	--	ISC	iLoc	???	???	_
LEGS	0.51	257.6	Lg	17:32:30.540	-0.1					T__				---			14682019	FDSN	IR	--	ISC	iLoc	???	???	_
GROS	0.54	318.0	Pg	17:32:23.610	-0.2					T__				---			14682020	FDSN	IR	--	ISC	iLoc	???	???	_
OZLJ	0.59	221.5	Pg	17:32:24.680	0.2					T__				---			14682021	FDSN	IR	--	ISC	iLoc	???	???	_
OZLJ	0.59	221.5	Lg	17:32:32.560	-0.8					T__				---			14682022	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	0.66	51.4	Lg	17:32:37.200	0.8					T__				---			14682023	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	0.66	51.4	Pg	17:32:26.873	0.4					T__	14.7	0.9		---	MLv	2.8	14682024	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.66	51.4	Sg	17:32:36.596	0.2					T__				---			14682025	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 2.8 1																									
MOSL	0.68	131.0	Pg	17:32:26.880	0.2					T__				---			14682026	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	0.68	131.0	Lg	17:32:36.040	-0.8					T__				---			14682027	FDSN	IR	--	ISC	iLoc	???	???	_
PDKS	0.72	270.5	Pg	17:32:27.040	0.2					T__				---			14682028	FDSN	IR	--	ISC	iLoc	???	???	_
PDKS	0.72	270.5	Lg	17:32:37.260	-0.5					T__				---			14682029	FDSN	IR	--	ISC	iLoc	???	???	_
PDKS	0.72	270.5	x	17:32:40.620	-99.0					---		23.5	0.16	---			14682030	FDSN	IR	--	ISC	iLoc	???	???	_
BOJS	0.78	224.6	Pg	17:32:27.400	-0.7					T__				---			14682031	FDSN	IR	--	ISC	iLoc	???	???	_
BOJS	0.78	224.6	Pb	17:32:27.830	-0.3					T__				---			14682032	FDSN	IR	--	ISC	iLoc	???	???	_
BOJS	0.78	224.6	Lg	17:32:38.500	-1.3					T__				---			14682033	FDSN	IR	--	ISC	iLoc	???	???	_
BOJS	0.78	224.6	Sg	17:32:38.980	-0.8					T__				---			14682034	FDSN	IR	--	ISC	iLoc	???	???	_
BOJS	0.78	224.6	x	17:32:42.020	-99.0					---		43.3	0.31	---			14682035	FDSN	IR	--	ISC	iLoc	???	???	_
PERS	0.85	312.8	Pg	17:32:29.190	-0.3					T__				---			14682036	FDSN	IR	--	ISC	iLoc	???	???	_
PERS	0.85	312.8	x	17:32:44.940	-99.0					---		37.2	0.20	---			14682037	FDSN	IR	--	ISC	iLoc	???	???	_
VISS	0.87	253.2	Pg	17:32:29.520	-0.2					T__				---			14682038	FDSN	IR	--	ISC	iLoc	???	???	_
VISS	0.87	253.2	Lg	17:32:42.620	-0.2					T__				---			14682039	FDSN	IR	--	ISC	iLoc	???	???	_
VISS	0.87	253.2	x	17:32:47.080	-99.0					---		69.5	0.32	---			14682040	FDSN	IR	--	ISC	iLoc	???	???	_
VNDS	0.92	273.1	Pg	17:32:30.670	-0.0					T__				---			14682041	FDSN	IR	--	ISC	iLoc	???	???	_
VNDS	0.92	273.1	Lg	17:32:45.010	0.6					T__				---			14682042	FDSN	IR	--	ISC	iLoc	???	???	_
VNDS	0.92	273.1	x	17:32:48.560	-99.0					---		58.5	0.29	---			14682043	FDSN	IR	--	ISC	iLoc	???	???	_
SOKA	0.93	312.3	Pg	17:32:30.448	-0.4					T__	30.1	5.4	0.16	---			14682044	FDSN	IR	--	ISC	iLoc	???	???	_
SOKA	0.93	312.3	Lg	17:32:43.008	-0.9					T__		24.7	0.26	---			14682045	FDSN	IR	--	ISC	iLoc	???	???	_
GBRS	1.00	238.6	Pg	17:32:32.400	0.0					T__				---			14682046	FDSN	IR	--	ISC	iLoc	???	???	_

GBRS	1.00	238.6	Lg	17:32:47.570	0.4	T__									14682047	FDSN	IR	--	ISC	iLoc	??? ???	-
GBRS	1.00	238.6	x	17:32:49.500	-99.0	---									14682048	FDSN	IR	--	ISC	iLoc	??? ???	-
LJU	1.04	269.7	Pg	17:32:32.600	-0.2	T__									14682049	FDSN	IR	--	ISC	iLoc	??? ???	-
LJU	1.04	269.7	Pb	17:32:32.740	-0.1	T__									14682050	FDSN	IR	--	ISC	iLoc	??? ???	-
LJU	1.04	269.7	Lg	17:32:47.400	-0.8	T__									14682051	FDSN	IR	--	ISC	iLoc	??? ???	-
MOZS	1.12	282.6	Pg	17:32:34.220	-0.2	T__									14682052	FDSN	IR	--	ISC	iLoc	??? ???	-
MOZS	1.12	282.6	Lg	17:32:50.030	-0.6	T__									14682053	FDSN	IR	--	ISC	iLoc	??? ???	-
MOZS	1.12	282.6	x	17:32:53.890	-99.0	---									14682054	FDSN	IR	--	ISC	iLoc	??? ???	-
CEY	1.16	254.6	Pg	17:32:35.000	0.1	T__									14682055	FDSN	IR	--	ISC	iLoc	??? ???	-
CEY	1.16	254.6	Lg	17:32:51.600	-0.3	T__									14682056	FDSN	IR	--	ISC	iLoc	??? ???	-
PRIJ	1.19	155.8	Lg	17:32:52.500	-0.4	T__									14682057	FDSN	IR	--	ISC	iLoc	??? ???	-
MRAK	1.21	149.3	Pn	17:32:36.100	-0.4	T__									14682058	FDSN	IR	--	ISC	iLoc	??? ???	-
MRAK	1.21	149.3	Lg	17:32:53.500	-0.9	T__									14682059	FDSN	IR	--	ISC	iLoc	??? ???	-
ARSA	1.24	344.0	Pg	17:32:36.831	-0.4	T__	3.9		0.1			MLv	2.1		14682060	FDSN	OE	--	BUD	iLoc	BHZ BHZ	-
ARSA	1.24	344.0	Lg	17:32:55.152	0.6	T__									14682061	FDSN	OE	--	BUD	iLoc	BHE ???	-
ARSA	1.24	344.0	Sn	17:32:52.769	-1.7	T__			9.7	0.32					14682062	FDSN	IR	--	ISC	iLoc	??? ???	-
(Station ML : 2.1 1																						
SKDS	1.50	250.7	Pg	17:32:40.800	0.1	T__									14682063	FDSN	IR	--	ISC	iLoc	??? ???	-
SKDS	1.50	250.7	Sn	17:33:01.400	-0.2	T__									14682064	FDSN	IR	--	ISC	iLoc	??? ???	-
MPLH	1.52	42.6	Pg	17:32:42.555	-0.5	T__									14682065	FDSN	HU	--	BUD	iLoc	BHE ???	-
MPLH	1.52	42.6	Lg	17:33:03.410	-0.9	T__									14682066	FDSN	HU	--	BUD	iLoc	BHE ???	-
UDBI	1.54	187.0	Pn	17:32:41.530	0.1	T__									14682067	FDSN	IR	--	ISC	iLoc	??? ???	-
BLY	1.54	147.7	Pg	17:32:42.100	-1.0	T__									14682068	FDSN	IR	--	ISC	iLoc	??? ???	-
BLY	1.54	147.7	Lg	17:33:03.900	-0.4	T__									14682069	FDSN	IR	--	ISC	iLoc	??? ???	-
NVLJ	1.70	209.0	Pn	17:32:44.630	1.2	T__									14682070	FDSN	IR	--	ISC	iLoc	??? ???	-
MYKA	1.75	289.9	Pg	17:32:46.936	0.9	T__			4.0	0.32					14682071	FDSN	IR	--	ISC	iLoc	??? ???	-
MYKA	1.75	289.9	Lg	17:33:10.993	0.9	T__			4.8	0.30					14682072	FDSN	IR	--	ISC	iLoc	??? ???	-
MGRS	1.80	155.2	Pn	17:32:45.700	1.0	T__									14682073	FDSN	IR	--	ISC	iLoc	??? ???	-
MGRS	1.80	155.2	Sn	17:33:09.900	1.1	T__									14682074	FDSN	IR	--	ISC	iLoc	??? ???	-
CONA	1.87	356.6	Pn	17:32:45.502	0.1	T__	4.6		1.4	0.34					14682075	FDSN	IR	--	ISC	iLoc	??? ???	-
CONA	1.87	356.6	Sn	17:33:10.107	-0.5	T__			5.3	0.38					14682076	FDSN	IR	--	ISC	iLoc	??? ???	-
BRJN	1.97	235.0	Pg	17:32:49.460	-1.6	T__									14682077	FDSN	IR	--	ISC	iLoc	??? ???	-
KIJV	2.07	172.4	Pn	17:32:50.270	1.5	T__									14682078	FDSN	IR	--	ISC	iLoc	??? ???	-
MOA	2.16	326.7	Pn	17:32:49.665	0.4	T__			0.4	0.17					14682079	FDSN	IR	--	ISC	iLoc	??? ???	-
MOA	2.16	326.7	Sn	17:33:17.224	-0.1	T__			2.5	0.38					14682080	FDSN	IR	--	ISC	iLoc	??? ???	-
DUGI	2.18	198.7	Pn	17:32:52.090	1.6	T__									14682081	FDSN	IR	--	ISC	iLoc	??? ???	-
MORI	2.20	186.0	Pn	17:32:51.810	1.0	T__									14682082	FDSN	IR	--	ISC	iLoc	??? ???	-
ZIRJ	2.42	186.6	Pn	17:32:54.890	0.9	T__									14682083	FDSN	IR	--	ISC	iLoc	??? ???	-
ZIRJ	2.42	186.6	Sn	17:33:24.910	0.3	T__									14682084	FDSN	IR	--	ISC	iLoc	??? ???	-
ABTA	2.53	287.1	Pg	17:33:00.403	-0.5	T__			3.1	0.38					14682085	FDSN	IR	--	ISC	iLoc	??? ???	-
ABTA	2.53	287.1	Lg	17:33:35.008	0.4	T__			1.5	0.28					14682086	FDSN	IR	--	ISC	iLoc	??? ???	-
MAKA	2.86	165.3	Pn	17:33:02.210	2.1	T__									14682087	FDSN	IR	--	ISC	iLoc	??? ???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/09/06	22:09:27.90	0.18	0.18	47.4889	18.7314	1.7	1.0	42	5.1F	1.3	15		218	0.20	2.47	a	ke IPEC	14556812	ISC			360
2015/09/06	22:09:26.47	0.92	1.89	47.6057	18.7183	4.2	3.9	19	11.9F	10.8	24	12	62	0.24	2.83	m	ke BUD	14682127	iLoc			91
Magnitude Err Nsta Author OrigID																						
ML	1.1																IPEC	14556812				
ML	2.2	0.2						10									BUD	14682127				

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BUD	0.24	120.4	Pg	22:09:31.947	-0.1					T__	34.9	1.2		---	MLv	2.0	14682129	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BUD	0.24	120.4	Lg	22:09:34.400	-1.8					T__				---		14682130	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.0 1																									
SRO	0.34	307.4	Pg	22:09:37.868	4.1					T__	4.3	0.5		---	MLv	2.0	14682131	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 2.0 1																									
CSKK	0.39	232.2	Pg	22:09:36.286	1.6					T__	41.2	0.7		---	MLv	2.2	14682132	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.39	232.2	Lg	22:09:42.560	1.7					T__				---		14682133	FDSN	HU	--	BUD	iLoc	SHZ	???	_	
(Station ML : 2.2 1																									
PSZ	0.85	68.0	Pg	22:09:44.893	0.6					T__	7.9	0.1		---	MLv	2.1	14682134	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.85	68.0	Sn	22:09:56.360	-0.3					T__				---		14682135	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.1 1																									
VYHS	0.89	5.0	Pg	22:09:47.667	3.3					T__	3.3	0.0		---	MLv	1.4	14682136	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.89	5.0	Lg	22:09:59.719	2.9					T__				---		14682137	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.4 0																									
TIH	0.90	219.0	Pg	22:09:45.106	0.7					T__	6.3	0.4		---	MLv	2.6	14682138	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 2.6 0																									
EGYH	0.96	259.1	Pn	22:09:45.024	0.4					T__	5.2	0.2		---	MLv	2.3	14682139	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	0.96	259.1	Lg	22:09:59.265	0.5					T__				---		14682140	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 2.3 1																									
KECS	1.48	52.8	Pg	22:09:56.468	0.9					T__	2.1	0.2		---	MLv	2.7	14682141	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 2.7 0																									
KOVH	1.58	195.8	Pn	22:09:54.809	1.5					T__	1.7	0.0		---	MLv	1.7	14682142	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.58	195.8	Sn	22:10:13.251	-0.9					T__				---		14682143	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.7 0																									
KRUC	2.13	314.1	Lg	22:10:34.100	-0.9					T__		1.0	0.47	---		14682144	FDSN	IR	--	ISC	iLoc	???	???	_	
KRUC	2.13	314.1	Sg	22:10:34.200	-0.8					T__				---		14682145	FDSN	IR	--	ISC	iLoc	???	???	_	
KRUC	2.13	314.1	Pg	22:10:05.125	-2.0					T__				---		14682146	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
VRAC	2.21	321.1	Pg	22:10:06.900	-1.7					T__				---		14682147	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	2.21	321.1	Sg	22:10:36.000	-1.6					T__		0.9	0.30	---		14682149	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	2.21	321.1	Pb	22:10:07.411	-1.2					T__				---		14682150	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
VRAC	2.21	321.1	Lg	22:10:35.654	-2.0					T__				---		14682151	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
BZS	2.83	133.6	Pn	22:10:12.206	1.5					T__	1.5	0.0		---	MLv	2.4	14682152	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/09/07	08:43:39.63	1.47	0.70	48.5654	20.7727	9.8	4.9	145	10.0F	12.4	10	5	169	0.21	1.29	m	ke BUD	14682196	iLoc			277

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	5 BUD	14682196

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.21	246.8	Pg	08:43:44.026	-0.2					T__	49.1	6.5		---	MLv	2.7	14682198	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	246.8	Lg	08:43:48.011	0.2					T__				---		14682199	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
(Station ML : 2.7 0																									
CRVS	0.57	53.3	Pg	08:43:50.948	0.5					T__	1.8	0.0		---	MLv	0.9	14682200	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.57	53.3	Lg	08:43:59.134	-0.6					T__				---		14682201	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 0.9 0																									
PSZ	0.87	222.5	Pg	08:43:57.946	0.3					T__	2.3	0.0		---	MLv	1.7	14682202	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.87	222.5	Lg	08:44:09.865	-0.9					T__				---		14682203	FDSN	GE	--	BUD	iLoc	BHZ	???	_	
(Station ML : 1.7 1																									
LANS	1.04	304.7	Pg	08:43:59.781	-0.1					T__	2.4	0.0		---	MLv	1.7	14682204	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_

LANS	1.04	304.7	Lg	08:44:14.196	-0.6	T__										14682205	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Station ML : 1.7 1																								
VYHS	1.29	267.5	Pg	08:44:05.327	0.3	T__	1.3	0.0					MLv	1.2	14682206	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	1.29	267.5	Lg	08:44:24.108	0.9	T__									14682207	FDSN	SK	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/09/07	17:41:17.50		0.50	46.0500	16.0200				18.2A							a	ke LJU	14556829	ISC			360
2015/09/07	17:41:19.90	0.31		45.9880	15.9910	0.0	0.0		2.0A		16			0.40	1.49	a	ke RHSSO	14556836	ISC			360
2015/09/07	17:41:17.70	0.64	0.56	46.0859	16.0223	4.3	2.1	93	8.0F	0.0	21		11	0.90	1.21	a	ke VIE	14556832	ISC			360
2015/09/07	17:41:17.89	0.80	1.02	46.0370	16.0305	3.0	2.4	132	9.0F	4.9	59	27	60	0.14	2.16	m	ke BUD	14682229	iLoc			75

Magnitude	Err	Nsta	Author	OrigID
ML	1.6		LJU	14556829
ML	2.0		RHSSO	14556836
mb	1.5		VIE	14556832
m1	2.0		VIE	14556832
ML	1.9	0.2	6 BUD	14682229

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PTJ	0.14	198.5	Pg	17:41:21.386	0.2					T__	41.4	0.9		---	MLv	1.7	14682231	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.14	198.5	Lg	17:41:22.637	-1.1					T__				---			14682232	FDSN	CR	--	BUD	iLoc	BHZ	???	_
(Station ML : 1.7 0																									
ZAG	0.21	188.2	Pg	17:41:21.570	-0.9					T__				---			14682233	FDSN	IR	--	ISC	iLoc	???	???	_
ZAG	0.21	188.2	Lg	17:41:23.790	-2.3					T__				---			14682234	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	0.31	72.2	Pg	17:41:24.290	-0.4					T__				---			14682235	FDSN	IR	--	ISC	iLoc	???	???	_
KALN	0.31	72.2	Lg	17:41:27.220	-2.6					T__				---			14682236	FDSN	IR	--	ISC	iLoc	???	???	_
GCIS	0.33	239.0	Pg	17:41:24.730	0.2					T__				---			14682237	FDSN	IR	--	ISC	iLoc	???	???	_
GCIS	0.33	239.0	Lg	17:41:29.510	-0.3					T__				---			14682238	FDSN	IR	--	ISC	iLoc	???	???	_
GCIS	0.33	239.0	x	17:41:30.550	-99.0					---		24.7	0.20	---			14682239	FDSN	IR	--	ISC	iLoc	???	???	_
CESS	0.40	261.1	Pg	17:41:26.120	0.2					T__				---			14682240	FDSN	IR	--	ISC	iLoc	???	???	_
CESS	0.40	261.1	Lg	17:41:32.360	0.2					T__				---			14682241	FDSN	IR	--	ISC	iLoc	???	???	_
CESS	0.40	261.1	x	17:41:33.350	-99.0					---		40.6	0.18	---			14682242	FDSN	IR	--	ISC	iLoc	???	???	_
DOBS	0.41	286.3	Pg	17:41:25.850	-0.1					T__				---			14682243	FDSN	IR	--	ISC	iLoc	???	???	_
DOBS	0.41	286.3	Lg	17:41:32.420	0.3					T__				---			14682244	FDSN	IR	--	ISC	iLoc	???	???	_
DOBS	0.41	286.3	x	17:41:33.010	-99.0					---		35.3	0.10	---			14682245	FDSN	IR	--	ISC	iLoc	???	???	_
KOGS	0.44	20.3	Pg	17:41:26.740	-0.1					T__				---			14682246	FDSN	IR	--	ISC	iLoc	???	???	_
KOGS	0.44	20.3	Lg	17:41:33.160	-0.2					T__				---			14682247	FDSN	IR	--	ISC	iLoc	???	???	_
KOGS	0.44	20.3	x	17:41:34.990	-99.0					---		67.3	0.17	---			14682248	FDSN	IR	--	ISC	iLoc	???	???	_
KOGS	0.44	20.3	Pb	17:41:27.282	0.5					T__	11.3	1.3		---	MLv	2.6	14682249	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.44	20.3	Sg	17:41:33.029	-0.4					T__				---			14682250	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Station ML : 2.6 0																									
CRES	0.45	242.4	Pg	17:41:26.700	-0.2					T__				---			14682251	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	0.45	242.4	Lg	17:41:33.100	-0.9					T__				---			14682252	FDSN	IR	--	ISC	iLoc	???	???	_
LEGS	0.50	260.2	Pg	17:41:28.020	0.2					T__				---			14682253	FDSN	IR	--	ISC	iLoc	???	???	_
LEGS	0.50	260.2	Lg	17:41:35.090	-0.5					T__				---			14682254	FDSN	IR	--	ISC	iLoc	???	???	_
GROS	0.56	319.3	Pg	17:41:28.360	-0.6					T__				---			14682255	FDSN	IR	--	ISC	iLoc	???	???	_
GROS	0.56	319.3	Lg	17:41:35.630	-1.6					T__				---			14682256	FDSN	IR	--	ISC	iLoc	???	???	_
GROS	0.56	319.3	x	17:41:36.200	-99.0					---		13.8	0.14	---			14682257	FDSN	IR	--	ISC	iLoc	???	???	_
OZLJ	0.58	223.2	Pg	17:41:30.110	1.0					T__				---			14682258	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	0.67	49.8	Pg	17:41:33.000	1.4					T__				---			14682259	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	0.67	49.8	Lg	17:41:43.200	1.5					T__				---			14682260	FDSN	IR	--	ISC	iLoc	???	???	_

BEHE	0.67	49.8	Pb	17:41:33.280	1.7	T__	5.5	0.3	---	MLv	2.4	14682261	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.67	49.8	Sg	17:41:41.168	-0.5	T__			---			14682262	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 2.4 1																				
PDKS	0.72	272.3	Pg	17:41:31.710	-0.1	T__			---			14682263	FDSN	IR	--	ISC	iLoc	???	???	_
PDKS	0.72	272.3	Lg	17:41:42.070	-0.4	T__			---			14682264	FDSN	IR	--	ISC	iLoc	???	???	_
PDKS	0.72	272.3	x	17:41:43.890	-99.0	---		7.0	0.13	---		14682265	FDSN	IR	--	ISC	iLoc	???	???	_
BOJS	0.76	225.9	Pg	17:41:32.100	-0.6	T__			---			14682266	FDSN	IR	--	ISC	iLoc	???	???	_
BOJS	0.76	225.9	Pb	17:41:33.470	0.8	T__			---			14682267	FDSN	IR	--	ISC	iLoc	???	???	_
BOJS	0.76	225.9	Lg	17:41:42.500	-1.3	T__			---			14682268	FDSN	IR	--	ISC	iLoc	???	???	_
BOJS	0.76	225.9	Sg	17:41:42.920	-0.9	T__			---			14682269	FDSN	IR	--	ISC	iLoc	???	???	_
BOJS	0.76	225.9	x	17:41:46.610	-99.0	---		20.2	0.40	---		14682270	FDSN	IR	--	ISC	iLoc	???	???	_
VISS	0.86	254.7	Pg	17:41:34.220	-0.2	T__			---			14682271	FDSN	IR	--	ISC	iLoc	???	???	_
VISS	0.86	254.7	Lg	17:41:47.520	0.6	T__			---			14682272	FDSN	IR	--	ISC	iLoc	???	???	_
VISS	0.86	254.7	x	17:41:50.560	-99.0	---		8.3	0.17	---		14682273	FDSN	IR	--	ISC	iLoc	???	???	_
VNDS	0.93	274.5	Pg	17:41:35.320	-0.3	T__			---			14682274	FDSN	IR	--	ISC	iLoc	???	???	_
SOKA	0.94	313.2	Pg	17:41:35.023	-1.0	T__	7.1	2.0	0.20	---		14682275	FDSN	IR	--	ISC	iLoc	???	???	_
SOKA	0.94	313.2	Lg	17:41:47.870	-1.4	T__		5.8	0.24	---		14682276	FDSN	IR	--	ISC	iLoc	???	???	_
LJU	1.05	270.9	Pn	17:41:38.400	0.4	T__			---			14682277	FDSN	IR	--	ISC	iLoc	???	???	_
LJU	1.05	270.9	Lg	17:41:52.300	-0.2	T__			---			14682278	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	1.13	295.2	Pn	17:41:39.170	-0.1	T__	5.6	2.4	0.23	---		14682279	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	1.13	295.2	Lg	17:41:53.100	-2.1	T__		9.3	0.45	---		14682280	FDSN	IR	--	ISC	iLoc	???	???	_
OBKA	1.13	295.2	Pg	17:41:40.247	0.8	T__	3.4	0.1	---	MLv	1.9	14682281	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.9 1																				
CEY	1.16	255.7	Pg	17:41:39.400	-0.3	T__			---			14682282	FDSN	IR	--	ISC	iLoc	???	???	_
CEY	1.16	255.7	Lg	17:41:56.100	0.0	T__			---			14682283	FDSN	IR	--	ISC	iLoc	???	???	_
MRAK	1.19	148.9	Pn	17:41:40.700	0.3	T__			---			14682284	FDSN	IR	--	ISC	iLoc	???	???	_
MRAK	1.19	148.9	Sn	17:41:57.000	-0.9	T__			---			14682285	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	1.26	344.1	Pg	17:41:41.697	-0.7	T__	2.3	0.0	---	MLv	1.7	14682286	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	1.26	344.1	Lg	17:41:59.832	0.2	T__			---			14682287	FDSN	OE	--	BUD	iLoc	BHE	???	_
ARSA	1.26	344.1	Pn	17:41:41.508	0.6	T__		1.4	0.25	---		14682288	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	1.26	344.1	Sn	17:41:56.847	-1.9	T__		5.7	0.35	---		14682289	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.7 1																				
KOVH	1.44	87.2	Pn	17:41:43.563	0.0	T__	3.5	0.0	---	MLv	2.0	14682290	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.44	87.2	Sn	17:42:02.805	-0.5	T__			---			14682291	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 2.0 1																				
SKDS	1.49	251.5	Pg	17:41:45.800	-0.3	T__			---			14682292	FDSN	IR	--	ISC	iLoc	???	???	_
SKDS	1.49	251.5	Sn	17:42:05.700	0.5	T__			---			14682293	FDSN	IR	--	ISC	iLoc	???	???	_
UDBI	1.52	187.2	Pg	17:41:47.300	-0.3	T__			---			14682294	FDSN	IR	--	ISC	iLoc	???	???	_
BLY	1.52	147.3	Pg	17:41:46.500	-0.9	T__			---			14682295	FDSN	IR	--	ISC	iLoc	???	???	_
BLY	1.52	147.3	Lg	17:42:07.700	-0.3	T__			---			14682296	FDSN	IR	--	ISC	iLoc	???	???	_
DUGI	2.16	199.0	Pn	17:41:57.570	3.2	T__			---			14682297	FDSN	IR	--	ISC	iLoc	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/09/08	10:59:54.03	1.50	1.44	48.5095	20.7947	13.5	5.2	143	4.7F	12.5	7	4	177	0.21	0.96	m	ke	BUD	14682521	iLoc		244

Magnitude	Err	Nsta	Author	OrigID	
ML	1.5	0.7	4	BUD	14682521

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.21	262.8	Pg	10:59:57.973	-0.4					T__	20.7	2.5		---	MLv	2.3	14682523	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	262.8	Lg	11:00:02.161	0.5					T__				---		14682524	FDSN	SK	--	BUD	iLoc	EHN	???	_	


```

(Station ML : 2.3 1
CRVS 0.59 48.1 Pg 11:00:06.328 1.1 T__ 1.6 0.0 ___ MLv 0.8 14682525 FDSN SK -- BUD iLoc HHZ HHZ _
CRVS 0.59 48.1 Lg 11:00:12.897 -1.9 T__ ___ 14682526 FDSN SK -- BUD iLoc HHE ??? _
(Station ML : 0.8 1
PSZ 0.84 225.8 Pg 11:00:12.365 0.7 T__ 3.1 0.0 ___ MLv 1.7 14682527 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.84 225.8 Sn 11:00:25.287 -0.6 T__ ___ 14682528 FDSN GE -- BUD iLoc BHN ??? _
(Station ML : 1.7 1
NIE 0.96 341.0 Pn 11:00:16.623 3.1 ___ 2.4 0.0 ___ MLv 1.3 14682529 FDSN PL -- BUD iLoc BHN BHZ _
NIE 0.96 341.0 Sn 11:00:29.344 0.4 T__ ___ 14682530 FDSN PL -- BUD iLoc BHN ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/09/10	09:28:27.00	0.22	0.36	46.0118	21.8518	2.2	1.4	87	10.0A		8	132		0.29	0.98	a	ke BUC	14557229	ISC			360
2015/09/10	09:28:26.19	0.95	0.68	46.0260	21.8554	10.8	4.3	95	8.9F	14.1	15	4	130	0.27	0.97	m	ke BUD	14682595	iLoc			197

```

Magnitude Err Nsta Author OrigID
ml 1.1 BUC 14557229
ML 1.2 0.1 3 BUD 14682595

```

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
SIRR	0.27	330.9	Pg	09:28:32.218	-0.0					T__	9.4	0.1		___	MLv	1.2 14682597	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
SIRR	0.28	330.7	Lg	09:28:37.716	0.8					T__				___		14682598	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.2 1																									
BZS	0.43	200.4	Pg	09:28:34.834	-0.1					T__	3.9	0.1		___	MLv	1.2 14682599	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
BZS	0.43	200.4	Lg	09:28:41.042	-0.4					T__				___		14682600	FDSN	RO	--	BUD	iLoc	BHE	???	_	
BZS	0.44	202.3	Pb	09:28:35.018	-0.1					T__				___		14682601	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	0.44	202.3	Sg	09:28:41.202	-0.5					T__				___		14682603	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.2 1																									
GZR	0.90	134.1	Pn	09:28:44.496	0.6					T__				___		14682604	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	0.90	134.1	Lg	09:28:57.221	0.6					T__				___		14682606	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	0.97	37.4	Pg	09:28:45.750	0.3					T__				___		14682607	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	0.97	37.4	Sn	09:28:59.501	-0.6					T__				___		14682609	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	0.97	37.4	Pn	09:28:45.564	0.4					T__	1.5	0.0		___	MLv	1.6 14682610	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
DRGR	0.97	37.4	Lg	09:28:59.042	-1.5					T__				___		14682611	FDSN	RO	--	BUD	iLoc	BHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/09/11	09:01:44.14	1.48	0.51	48.5424	20.3898	6.6	6.0	49	0.0A		8	5	107	0.09	1.03	m	ke BUD	14682625	iLoc			177

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.0 5 BUD 14682625

```

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.09	132.9	Pg	09:01:46.140	-0.0					T__	103.4	13.3		___	MLv	2.7 14682627	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
(Station ML : 2.7 0																									
PSZ	0.71	208.1	Pg	09:01:59.182	0.0					T__	2.9	0.1		___	MLv	1.6 14682628	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_	
PSZ	0.71	208.1	Lg	09:02:10.292	0.0					T__				___		14682629	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.6 1																									
CRVS	0.80	62.7	Pg	09:01:59.594	0.4					T__	2.1	0.0		___	MLv	1.1 14682630	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
(Station ML : 1.1 0																									

LANS	0.86	315.3	Pg	09:02:01.366	0.3	T__	3.0	0.0	___	MLv	1.7	14682631	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.86	315.3	Lg	09:02:12.738	-1.0	T__			___			14682632	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 1.7 1																				
VYHS	1.03	267.9	Pg	09:02:05.187	0.4	T__	1.6	0.0	___	MLv	1.1	14682633	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.03	267.9	Lg	09:02:19.857	-0.1	T__			___			14682634	FDSN	SK	--	BUD	iLoc	HHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/09/11	19:41:53.26	1.42	0.65	47.0519	18.0704	13.3	5.2	115	1.6F	20.3	8	4	163	0.20	0.96	m	ke	BUD	14682826	iLoc		294

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	4 BUD	14682826

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
TIH	0.20	219.5	Pg	19:41:57.929	0.5				T__	2.8	0.3		___	MLv	1.3	14682828	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
TIH	0.20	219.5	Lg	19:41:59.923	-0.8				T__				___			14682829	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 1.3 1																								
CSKK	0.34	22.5	Pg	19:42:00.261	0.1				T__	5.2	0.0		___	MLv	0.9	14682830	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.34	22.5	Lg	19:42:05.134	-0.3				T__				___			14682831	FDSN	HU	--	BUD	iLoc	SHZ	???	_
(Station ML : 0.9 1																								
MORH	0.93	154.5	Pn	19:42:12.241	0.2				T__	1.8	0.0		___	MLv	1.3	14682832	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.93	154.5	Lg	19:42:25.170	-0.2				T__				___			14682833	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.3 1																								
KOVH	0.96	178.8	Pn	19:42:12.907	0.2				T__	1.2	0.0		___	MLv	1.4	14682834	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.96	178.8	Lg	19:42:26.038	-0.8				T__				___			14682835	FDSN	HU	--	BUD	iLoc	BHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/09/15	09:33:17.16	1.60	0.24	47.0657	18.0041	26.8	5.1	111	7.4F	21.5	8	4	184	0.18	0.98	m	ke	BUD	14682853	iLoc		306

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	4 BUD	14682853

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
TIH	0.18	205.7	Pg	09:33:21.464	0.2				T__	10.9	1.4		___	MLv	2.0	14682855	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
TIH	0.18	205.7	Lg	09:33:24.290	-0.2				T__				___			14682856	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 2.0 1																								
CSKK	0.35	30.3	Pg	09:33:24.206	-0.1				T__	7.7	0.1		___	MLv	1.4	14682857	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.35	30.3	Lg	09:33:30.014	0.3				T__				___			14682858	FDSN	HU	--	BUD	iLoc	SHZ	???	_
(Station ML : 1.4 1																								
MORH	0.96	152.3	Pn	09:33:35.695	-0.0				T__	2.2	0.0		___	MLv	1.6	14682859	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.96	152.3	Lg	09:33:50.108	0.2				T__				___			14682860	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.6 1																								
KOVH	0.98	176.1	Pg	09:33:36.705	-0.2				T__	2.6	0.0		___	MLv	1.7	14682861	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.98	176.1	Lg	09:33:50.830	0.0				T__				___			14682862	FDSN	HU	--	BUD	iLoc	BHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/09/15	18:41:37.70		0.89	45.8200	16.0200				2.0A				5	1.10	3.84	a	ke	CSEM	14557502	ISC		360

2015/09/15 18:41:36.90		0.40	45.7940	16.0230				9.2A							a	ke	LJU	14557496	ISC	360
2015/09/15 18:41:39.08	2.25	1.11	45.8448	15.9896	12.1	8.3	139	9.8F	10.4	15		165	1.56		a	ke	NEIC	14557507	ISC	360
2015/09/15 18:41:37.70	0.00		45.8700	15.9400				0.0A		16					a	ke	PRU	14557505	ISC	360
2015/09/15 18:41:39.00	0.22		45.7260	15.9880	0.0	0.0		3.0F	2.6	29			0.38	3.27	a	ke	RHSSO	14557509	ISC	360
2015/09/15 18:41:37.20	1.14	0.56	45.7912	16.0191	12.1	7.8	147	3.0F	4.5						a	ke	ZAG	14557499	ISC	360
2015/09/15 18:41:37.04	0.95	1.20	45.8129	16.0198	2.3	2.2	165	2.7F	6.7	142	91	26	0.10	6.62	m	ke	BUD	14682888	iLoc	32

Magnitude	Err	Nsta	Author	OrigID
ml	2.7		CSEM	14557502
ML	2.5		LJU	14557496
ML	2.7		RHSSO	14557509
ML	2.6		ZAG	14557499
ML	2.7	0.2	13 BUD	14682888

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PTJ	0.10	339.0	Pg	18:41:39.580	-0.0					T__						14682890	FDSN	IR	--	ISC	iLoc	???	???	_	
PTJ	0.10	339.0	Lg	18:41:41.070	-0.6					T__						14682891	FDSN	IR	--	ISC	iLoc	???	???	_	
GCIS	0.28	281.3	Pg	18:41:43.090	0.5					T__						14682892	FDSN	IR	--	ISC	iLoc	???	???	_	
GCIS	0.28	281.3	Lg	18:41:47.130	0.2					T__						14682893	FDSN	IR	--	ISC	iLoc	???	???	_	
GCIS	0.28	281.3	x	18:41:48.260	-99.0					---		265.0	0.13			14682894	FDSN	IR	--	ISC	iLoc	???	???	_	
GOLS	0.34	305.8	Pg	18:41:44.120	0.3					T__						14682895	FDSN	IR	--	ISC	iLoc	???	???	_	
CRES	0.39	272.1	Pg	18:41:45.130	0.4					T__	79.0	1.8			MLv	2.6	14682896	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.39	272.1	Lg	18:41:51.450	0.6					T__						14682897	FDSN	IR	--	ISC	iLoc	???	???	_	
CRES	0.39	272.1	Lg	18:41:51.500	0.6					T__						14682898	FDSN	IR	--	ISC	iLoc	???	???	_	
CRES	0.39	272.1	x	18:41:52.140	-99.0					---		389.0	0.18			14682899	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.6 1																									
CESS	0.42	292.6	Pg	18:41:45.750	0.5					T__						14682900	FDSN	IR	--	ISC	iLoc	???	???	_	
CESS	0.42	292.6	x	18:41:54.640	-99.0					---		336.0	0.22			14682901	FDSN	IR	--	ISC	iLoc	???	???	_	
OZLJ	0.43	243.2	Pg	18:41:45.810	0.4					T__						14682902	FDSN	IR	--	ISC	iLoc	???	???	_	
OZLJ	0.43	243.2	Lg	18:41:51.540	-0.4					T__						14682903	FDSN	IR	--	ISC	iLoc	???	???	_	
KALN	0.44	43.5	Pg	18:41:45.810	-0.4					T__						14682904	FDSN	IR	--	ISC	iLoc	???	???	_	
KALN	0.44	43.5	Lg	18:41:52.150	-0.9					T__						14682905	FDSN	IR	--	ISC	iLoc	???	???	_	
LEGS	0.51	285.7	Pg	18:41:47.320	0.4					T__						14682906	FDSN	IR	--	ISC	iLoc	???	???	_	
LEGS	0.51	285.7	Lg	18:41:54.750	0.1					T__						14682907	FDSN	IR	--	ISC	iLoc	???	???	_	
DOBS	0.51	311.4	Pg	18:41:47.480	0.5					T__						14682908	FDSN	IR	--	ISC	iLoc	???	???	_	
MOSL	0.55	110.9	Pg	18:41:48.190	-0.0					T__						14682909	FDSN	IR	--	ISC	iLoc	???	???	_	
MOSL	0.55	110.9	Lg	18:41:56.070	-0.5					T__						14682910	FDSN	IR	--	ISC	iLoc	???	???	_	
BOJS	0.62	240.4	Pg	18:41:49.000	-0.0					T__						14682911	FDSN	IR	--	ISC	iLoc	???	???	_	
BOJS	0.62	240.4	Pg	18:41:49.050	-0.0					T__						14682912	FDSN	IR	--	ISC	iLoc	???	???	_	
BOJS	0.62	240.4	Lg	18:41:57.600	-0.8					T__						14682913	FDSN	IR	--	ISC	iLoc	???	???	_	
BOJS	0.62	240.4	x	18:42:02.140	-99.0					---		49.4	0.13			14682914	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.66	14.1	Pg	18:41:50.466	0.4					T__	110.6	15.2			MLv	4.0	14682915	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.66	14.1	Lg	18:41:59.570	-0.0					T__						14682916	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Station ML : 4.0 0																									
GROS	0.74	331.1	Pg	18:41:51.880	0.4					T__						14682917	FDSN	IR	--	ISC	iLoc	???	???	_	
PKDS	0.76	289.6	Pg	18:41:51.960	0.4					T__						14682918	FDSN	IR	--	ISC	iLoc	???	???	_	
PKDS	0.76	289.6	x	18:42:06.160	-99.0					---		117.0	0.16			14682919	FDSN	IR	--	ISC	iLoc	???	???	_	
VISS	0.83	269.8	Pg	18:41:53.050	0.2					T__						14682920	FDSN	IR	--	ISC	iLoc	???	???	_	
VISS	0.83	269.8	x	18:42:08.310	-99.0					---		159.0	0.32			14682921	FDSN	IR	--	ISC	iLoc	???	???	_	
BEHE	0.84	38.4	Pg	18:41:55.400	1.5					T__						14682922	FDSN	IR	--	ISC	iLoc	???	???	_	
BEHE	0.84	38.4	Lg	18:42:08.600	2.2					T__						14682923	FDSN	IR	--	ISC	iLoc	???	???	_	
BEHE	0.84	38.4	Pb	18:41:53.995	0.1					T__	44.3	3.2			MLv	3.5	14682924	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.5 0																									

GBRS	0.89	252.1	Pg	18:41:54.250	0.0	T__						14682925	FDSN	IR	--	ISC	iLoc	??? ???	_
GBRS	0.89	252.1	x	18:42:10.160	-99.0	---		195.0	0.37	---		14682926	FDSN	IR	--	ISC	iLoc	??? ???	_
VNDS	0.96	287.9	Pg	18:41:55.600	0.2	T__						14682927	FDSN	IR	--	ISC	iLoc	??? ???	_
VNDS	0.96	287.9	x	18:42:13.210	-99.0	---		134.0	0.30	---		14682928	FDSN	IR	--	ISC	iLoc	??? ???	_
PRIJ	0.97	149.6	Lg	18:42:07.800	-1.8	T__						14682929	FDSN	IR	--	ISC	iLoc	??? ???	_
MRAK	1.01	141.9	Pg	18:41:56.300	-0.7	T__						14682930	FDSN	IR	--	ISC	iLoc	??? ???	_
MRAK	1.01	141.9	Lg	18:42:09.700	-2.1	T__						14682931	FDSN	IR	--	ISC	iLoc	??? ???	_
PERS	1.03	323.0	Pg	18:41:56.940	0.1	T__						14682932	FDSN	IR	--	ISC	iLoc	??? ???	_
LJU	1.07	283.0	Pn	18:41:58.700	0.5	T__						14682933	FDSN	IR	--	ISC	iLoc	??? ???	_
LJU	1.07	283.0	Lg	18:42:13.000	-0.0	T__						14682934	FDSN	IR	--	ISC	iLoc	??? ???	_
SOKA	1.10	322.0	Pg	18:41:58.023	-0.2	T__	29.3	21.3	0.26	---		14682935	FDSN	IR	--	ISC	iLoc	??? ???	_
GBAS	1.11	276.9	Pg	18:41:58.070	0.2	T__						14682936	FDSN	IR	--	ISC	iLoc	??? ???	_
CEY	1.12	266.8	Pn	18:41:59.200	0.3	T__						14682937	FDSN	IR	--	ISC	iLoc	??? ???	_
CEY	1.12	266.8	Pn	18:41:59.250	0.3	T__						14682938	FDSN	IR	--	ISC	iLoc	??? ???	_
CEY	1.12	266.8	Lg	18:42:13.600	-1.0	T__						14682939	FDSN	IR	--	ISC	iLoc	??? ???	_
CEY	1.12	266.8	x	18:42:20.850	-99.0	---		107.0	0.31	---		14682940	FDSN	IR	--	ISC	iLoc	??? ???	_
KNDS	1.18	256.7	Pg	18:41:59.940	0.5	T__						14682941	FDSN	IR	--	ISC	iLoc	??? ???	_
KNDS	1.18	256.7	Lg	18:42:16.440	-0.7	T__						14682942	FDSN	IR	--	ISC	iLoc	??? ???	_
KNDS	1.18	256.7	x	18:42:20.360	-99.0	---		98.3	0.35	---		14682943	FDSN	IR	--	ISC	iLoc	??? ???	_
RIY	1.18	246.2	Pg	18:41:59.700	0.2	T__						14682944	FDSN	IR	--	ISC	iLoc	??? ???	_
MOZS	1.20	294.2	Pg	18:41:59.980	0.3	T__						14682945	FDSN	IR	--	ISC	iLoc	??? ???	_
MOZS	1.20	294.2	x	18:42:18.590	-99.0	---		83.9	0.31	---		14682946	FDSN	IR	--	ISC	iLoc	??? ???	_
OBKA	1.24	304.8	Pn	18:42:00.898	0.2	T__	16.5	19.6	0.22	---		14682947	FDSN	IR	--	ISC	iLoc	??? ???	_
OBKA	1.24	304.8	Pg	18:42:01.133	0.5	T__	11.4	0.4		MLv	2.8	14682948	FDSN	OE	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 2.8 1																			
CRNS	1.26	282.9	Pg	18:42:00.760	0.2	T__						14682949	FDSN	IR	--	ISC	iLoc	??? ???	_
CRNS	1.26	282.9	Sn	18:42:19.160	-0.7	T__						14682950	FDSN	IR	--	ISC	iLoc	??? ???	_
UDBI	1.30	188.1	Pn	18:42:01.200	-0.9	T__						14682951	FDSN	IR	--	ISC	iLoc	??? ???	_
UDBI	1.30	188.1	Sn	18:42:18.610	-2.8	T__						14682952	FDSN	IR	--	ISC	iLoc	??? ???	_
BLY	1.31	140.9	Pn	18:42:01.952	0.2	T__	5.5	0.2		MLv	2.5	14682953	FDSN	MN	--	BUD	iLoc	BHZ BHZ	_
BLY	1.34	141.9	Sn	18:42:19.600	-2.1	T__						14682954	FDSN	IR	--	ISC	iLoc	??? ???	_
(Station ML : 2.5 0																			
JAVS	1.37	274.1	Pg	18:42:02.900	0.4	T__						14682955	FDSN	IR	--	ISC	iLoc	??? ???	_
JAVS	1.37	274.1	x	18:42:26.210	-99.0	---		53.5	0.27	---		14682956	FDSN	IR	--	ISC	iLoc	??? ???	_
SKDS	1.43	260.0	Pn	18:42:03.700	0.3	T__						14682957	FDSN	IR	--	ISC	iLoc	??? ???	_
SKDS	1.43	260.0	Pg	18:42:04.040	0.6	T__						14682958	FDSN	IR	--	ISC	iLoc	??? ???	_
SKDS	1.43	260.0	Sn	18:42:22.500	-1.8	T__						14682959	FDSN	IR	--	ISC	iLoc	??? ???	_
SKDS	1.43	260.0	x	18:42:25.550	-99.0	---		44.2	0.20	---		14682960	FDSN	IR	--	ISC	iLoc	??? ???	_
KOVH	1.48	78.5	Pn	18:42:03.149	-0.8	T__	10.7	0.2		MLv	2.6	14682961	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 2.6 0																			
ARSA	1.48	346.8	Pn	18:42:04.156	0.3	T__	15.8	0.2		MLv	2.7	14682962	FDSN	OE	--	BUD	iLoc	BHZ BHZ	_
ARSA	1.48	346.8	Lg	18:42:25.678	-0.5	T__		37.2	0.33	---		14682963	FDSN	IR	--	ISC	iLoc	??? ???	_
(Station ML : 2.7 1																			
NVLJ	1.49	213.4	Pn	18:42:04.670	0.1	T__						14682964	FDSN	IR	--	ISC	iLoc	??? ???	_
NVLJ	1.49	213.4	Sn	18:42:25.960	0.7	T__						14682965	FDSN	IR	--	ISC	iLoc	??? ???	_
GORS	1.50	290.4	Pn	18:42:04.460	0.1	T__						14682966	FDSN	IR	--	ISC	iLoc	??? ???	_
GORS	1.50	290.4	x	18:42:30.420	-99.0	---		21.0	0.19	---		14682967	FDSN	IR	--	ISC	iLoc	??? ???	_
VOJS	1.51	279.1	Pn	18:42:04.130	-0.4	T__						14682968	FDSN	IR	--	ISC	iLoc	??? ???	_
VOJS	1.51	279.1	x	18:42:33.090	-99.0	---		29.7	0.26	---		14682969	FDSN	IR	--	ISC	iLoc	??? ???	_
TRI	1.58	267.0	Pg	18:42:06.950	1.3	T__						14682970	FDSN	IR	--	ISC	iLoc	??? ???	_
TRI	1.58	267.0	Lg	18:42:27.910	-0.9	T__						14682971	FDSN	IR	--	ISC	iLoc	??? ???	_
MGRS	1.59	151.3	Pn	18:42:06.600	0.8	T__						14682972	FDSN	IR	--	ISC	iLoc	??? ???	_
MGRS	1.59	151.3	Sn	18:42:27.800	-0.0	T__						14682973	FDSN	IR	--	ISC	iLoc	??? ???	_

CADS	1.64	285.4	Pg	18:42:07.230	0.2	T__							14682974	FDSN	IR	--	ISC	iLoc	??? ???	_
CADS	1.64	285.4	x	18:42:32.770	-99.0	---		68.5	0.27	---			14682975	FDSN	IR	--	ISC	iLoc	??? ???	_
TIH	1.69	49.3	Pn	18:42:07.382	0.5	T__	14.2	0.8		---	MLv	3.3	14682976	FDSN	HU	--	BUD	iLoc	SHZ SHZ	_
(Station ML : 3.3 1																				
BRJN	1.84	241.3	Pn	18:42:10.120	0.6	T__				---			14682977	FDSN	IR	--	ISC	iLoc	??? ???	_
EGYH	1.84	28.9	Pn	18:42:11.579	2.6	T__	4.8	0.3		---	MLv	3.0	14682978	FDSN	HU	--	BUD	iLoc	SHZ SHZ	_
(Station ML : 3.0 1																				
MYKA	1.84	297.2	Pn	18:42:09.754	0.6	T__	7.2	4.2	0.24	---			14682979	FDSN	IR	--	ISC	iLoc	??? ???	_
MYKA	1.84	297.2	Lg	18:42:38.502	1.3	T__		6.1	0.24	---			14682980	FDSN	IR	--	ISC	iLoc	??? ???	_
MORH	1.87	76.7	Pn	18:42:12.500	3.1	T__				---			14682981	FDSN	IR	--	ISC	iLoc	??? ???	_
MORH	1.87	76.7	Sn	18:42:37.000	2.8	T__				---			14682982	FDSN	IR	--	ISC	iLoc	??? ???	_
MORH	1.87	76.6	Pn	18:42:08.366	-1.0	T__	7.2	0.1		---	MLv	2.6	14682983	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 2.6 1																				
SOP	1.91	11.0	Pn	18:42:11.600	1.7	T__	4.3	0.1		---	MLv	2.6	14682984	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 2.6 1																				
DUGI	1.95	200.9	Pn	18:42:11.850	0.5	T__				---			14682985	FDSN	IR	--	ISC	iLoc	??? ???	_
DUGI	1.95	200.9	Sn	18:42:37.080	-0.3	T__				---			14682986	FDSN	IR	--	ISC	iLoc	??? ???	_
MORI	1.96	186.6	Pn	18:42:12.300	0.8	T__				---			14682987	FDSN	IR	--	ISC	iLoc	??? ???	_
CONA	2.12	357.1	Pn	18:42:13.722	0.7	T__	10.0	2.9	0.26	---			14682988	FDSN	IR	--	ISC	iLoc	??? ???	_
CONA	2.12	357.1	Pg	18:42:19.595	1.2	T__		4.4	0.24	---			14682989	FDSN	IR	--	ISC	iLoc	??? ???	_
CONA	2.12	357.1	Sn	18:42:39.502	-1.5	T__		5.7	0.28	---			14682990	FDSN	IR	--	ISC	iLoc	??? ???	_
CONA	2.12	357.1	Lg	18:42:48.888	1.5	T__		23.5	0.70	---			14682991	FDSN	IR	--	ISC	iLoc	??? ???	_
ZIRJ	2.17	187.2	Pn	18:42:15.250	0.6	T__				---			14682992	FDSN	IR	--	ISC	iLoc	??? ???	_
CSKK	2.19	44.1	Pg	18:42:19.332	-0.4	T__	8.7	0.1		---	MLv	2.6	14682993	FDSN	HU	--	BUD	iLoc	SHZ SHZ	_
(Station ML : 2.6 1																				
KBA	2.24	305.3	Pn	18:42:15.225	0.2	T__		0.7	0.20	---			14682994	FDSN	IR	--	ISC	iLoc	??? ???	_
ZOU	2.24	290.5	Pn	18:42:16.110	1.0	T__				---			14682995	FDSN	IR	--	ISC	iLoc	??? ???	_
STAL	2.35	282.2	Pn	18:42:17.270	1.0	T__				---			14682996	FDSN	IR	--	ISC	iLoc	??? ???	_
MOA	2.37	330.0	Pn	18:42:17.407	1.1	T__	14.6	2.0	0.15	---			14682997	FDSN	IR	--	ISC	iLoc	??? ???	_
MOA	2.37	330.0	Sn	18:42:46.398	-0.3	T__		6.5	0.25	---			14682998	FDSN	IR	--	ISC	iLoc	??? ???	_
RICI	2.45	160.7	Pn	18:42:20.200	1.8	T__				---			14682999	FDSN	IR	--	ISC	iLoc	??? ???	_
ABTA	2.61	292.3	Pn	18:42:20.671	0.8	T__		0.8	0.28	---			14683000	FDSN	IR	--	ISC	iLoc	??? ???	_
MAKA	2.62	163.8	Pn	18:42:21.430	0.5	T__				---			14683001	FDSN	IR	--	ISC	iLoc	??? ???	_
HVAR	2.65	173.2	Pn	18:42:21.590	0.0	T__				---			14683002	FDSN	IR	--	ISC	iLoc	??? ???	_
HVAR	2.65	173.2	Sn	18:42:54.740	-0.2	T__				---			14683003	FDSN	IR	--	ISC	iLoc	??? ???	_
HAPS	2.70	128.6	Pn	18:42:23.000	1.5	T__				---			14683004	FDSN	IR	--	ISC	iLoc	??? ???	_
HAPS	2.70	128.6	Sn	18:42:55.600	0.3	T__				---			14683005	FDSN	IR	--	ISC	iLoc	??? ???	_
FRGS	2.75	102.5	Pn	18:42:24.000	2.3	T__				---			14683006	FDSN	IR	--	ISC	iLoc	??? ???	_
FRGS	2.75	102.5	Sn	18:42:57.600	1.8	T__				---			14683007	FDSN	IR	--	ISC	iLoc	??? ???	_
CTI	3.06	276.0	Pn	18:42:26.050	-0.4	T__				---			14683008	FDSN	IR	--	ISC	iLoc	??? ???	_
TEOL	3.09	263.1	Pn	18:42:29.130	2.2	T__				---			14683009	FDSN	IR	--	ISC	iLoc	??? ???	_
BBLs	3.10	127.8	Pn	18:42:28.200	1.4	T__				---			14683010	FDSN	IR	--	ISC	iLoc	??? ???	_
BBLs	3.10	127.8	Sn	18:43:05.300	0.9	T__				---			14683011	FDSN	IR	--	ISC	iLoc	??? ???	_
STON	3.18	157.1	Pn	18:42:29.300	0.7	T__				---			14683012	FDSN	IR	--	ISC	iLoc	??? ???	_
STON	3.18	157.1	Sn	18:43:08.070	0.4	T__				---			14683013	FDSN	IR	--	ISC	iLoc	??? ???	_
CKRC	3.23	339.5	Pn	18:42:28.500	0.4	T__				---			14683014	FDSN	IR	--	ISC	iLoc	??? ???	_
CKRC	3.23	339.5	Sn	18:43:04.300	-3.3	T__				---			14683015	FDSN	IR	--	ISC	iLoc	??? ???	_
JAVC	3.25	19.6	Pn	18:42:29.900	1.0	T__				---			14683016	FDSN	IR	--	ISC	iLoc	??? ???	_
KRUC	3.26	4.3	Pn	18:42:28.600	-0.1	T__				---			14683017	FDSN	IR	--	ISC	iLoc	??? ???	_
KRUC	3.26	4.3	Sn	18:43:06.000	-2.4	T__				---			14683018	FDSN	IR	--	ISC	iLoc	??? ???	_
DIVS	3.30	119.9	Pn	18:42:31.400	1.7	T__				---			14683019	FDSN	IR	--	ISC	iLoc	??? ???	_
DIVS	3.30	119.9	Sn	18:43:10.100	0.7	T__				---			14683020	FDSN	IR	--	ISC	iLoc	??? ???	_
WTTA	3.36	297.2	Pn	18:42:31.632	1.0	T__		1.6	0.22	---			14683021	FDSN	IR	--	ISC	iLoc	??? ???	_

PSZ	3.39	50.2	Pg	18:42:41.778	-1.8	T__	2.4	0.0	---	MLv	3.0	14683022	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	-
PSZ	3.39	50.2	Pn	18:42:32.210	1.3	T__			---			14683023	FDSN	IR	--	ISC	iLoc	???	???	-
(Station ML : 3.0 1																				
GEC2	3.42	333.4	Pn	18:42:31.620	0.6	T__			---			14683024	FDSN	IR	--	ISC	iLoc	???	???	-
GERES	3.42	333.4	Pn	18:42:31.730	0.7	T__			---			14683025	FDSN	IR	--	ISC	iLoc	???	???	-
WATA	3.42	298.0	Pn	18:42:31.764	0.3	T__		2.8	0.38	---		14683026	FDSN	IR	--	ISC	iLoc	???	???	-
VRAC	3.52	6.1	Pn	18:42:32.100	-0.2	T__			---			14683027	FDSN	IR	--	ISC	iLoc	???	???	-
VRAC	3.52	6.1	Sn	18:43:11.500	-3.1	T__			---			14683028	FDSN	IR	--	ISC	iLoc	???	???	-
MURB	3.57	225.7	Pn	18:42:35.330	2.1	T__			---			14683029	FDSN	IR	--	ISC	iLoc	???	???	-
SQTA	3.61	294.7	Pn	18:42:36.135	2.1	T__		0.9	0.20	---		14683030	FDSN	IR	--	ISC	iLoc	???	???	-
NRCA	3.64	216.0	Pn	18:42:34.830	0.6	T__			---			14683031	FDSN	IR	--	ISC	iLoc	???	???	-
KHC	3.71	334.4	Pn	18:42:35.800	1.0	T__			---			14683032	FDSN	IR	--	ISC	iLoc	???	???	-
KHC	3.71	334.4	Sn	18:43:17.600	-1.6	T__			---			14683033	FDSN	IR	--	ISC	iLoc	???	???	-
KHC	3.71	334.4	Lg	18:43:33.000	-3.6	T__			---			14683034	FDSN	IR	--	ISC	iLoc	???	???	-
MOTA	3.72	296.1	Pn	18:42:36.583	0.9	T__		1.3	0.32	---		14683035	FDSN	IR	--	ISC	iLoc	???	???	-
FETA	3.85	290.2	Pn	18:42:39.038	1.4	T__		0.8	0.32	---		14683036	FDSN	IR	--	ISC	iLoc	???	???	-
FETA	3.85	290.2	Pg	18:42:52.562	2.9	T__		2.1	0.40	---		14683037	FDSN	IR	--	ISC	iLoc	???	???	-
MORC	4.10	14.0	Pn	18:42:41.000	0.5	T__			---			14683038	FDSN	IR	--	ISC	iLoc	???	???	-
MORC	4.10	14.0	Pg	18:42:41.340	-13.3	---			---			14683039	FDSN	IR	--	ISC	iLoc	???	???	-
MORC	4.10	14.0	Sn	18:43:28.100	-0.7	T__			---			14683040	FDSN	IR	--	ISC	iLoc	???	???	-
OSSC	4.10	237.8	Pn	18:42:40.810	0.5	T__			---			14683041	FDSN	IR	--	ISC	iLoc	???	???	-
PRU	4.29	347.2	Pn	18:42:43.300	0.5	T__			---			14683042	FDSN	IR	--	ISC	iLoc	???	???	-
KRLC	4.30	6.6	Pn	18:42:43.700	0.5	T__			---			14683043	FDSN	IR	--	ISC	iLoc	???	???	-
KRLC	4.30	6.6	Sn	18:43:31.300	-2.5	T__			---			14683044	FDSN	IR	--	ISC	iLoc	???	???	-
DPC	4.54	2.4	Pn	18:42:46.500	-0.2	T__			---			14683045	FDSN	IR	--	ISC	iLoc	???	???	-
CLL	5.85	341.1	Lg	18:44:43.000	-2.4	T__			---			14683046	FDSN	IR	--	ISC	iLoc	???	???	-
SENIN	6.09	278.3	Pn	18:43:09.970	1.5	T__			---			14683047	FDSN	IR	--	ISC	iLoc	???	???	-
BNI	6.62	266.7	Pn	18:43:14.630	-0.2	T__			---			14683048	FDSN	IR	--	ISC	iLoc	???	???	-
MEM	8.23	309.3	Pg	18:44:03.850	-8.6	---			---			14683049	FDSN	IR	--	ISC	iLoc	???	???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/09/15	19:09:33.36	3.22	0.07	45.8803	18.3548	25.2	8.9	177	5.0A		4	2	288	0.27	0.39	m	ke BUD	14682880	iLoc			360

Magnitude	Err	Nsta	Author	OrigID
-----------	-----	------	--------	--------

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOVH	0.27	319.6	Pg	19:09:39.207	0.0					T__	1.2	0.0		---	MLv	0.4	14682882	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	-
KOVH	0.27	319.6	Lg	19:09:43.597	-0.0					T__				---			14682883	FDSN	HU	--	BUD	iLoc	BHE	???	-
MORH	0.39	30.9	Pg	19:09:41.346	-0.0					T__	1.2	0.0		---	MLv	0.7	14682884	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	-
MORH	0.39	30.9	Lg	19:09:47.490	0.0					T__				---			14682885	FDSN	HU	--	BUD	iLoc	BHE	???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2015/09/18	08:07:01.75	1.41	1.10	47.0864	18.0297	7.9	5.0	103	0.0A		8	5	124	0.21	1.00	m	ke BUD	14683138	iLoc				229

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	3 BUD	14683138

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
-----	------	------	-------	------	------	------	-------	------	------	-----	-----	-----	-----	------	-----------	-------	-----	--------	----	------	-----	-----	-----	---

TIH	0.21	207.6	Pg	08:07:06.557	0.0	T__	9.6	1.7	___	MLv	2.1	14683140	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
TIH	0.21	207.6	Lg	08:07:11.589	1.3	T__			___			14683141	FDSN	HU	--	BUD	iLoc	SHE	???	_
(Station ML : 2.1 1																				
CSKK	0.32	29.5	Pg	08:07:08.719	0.1	T__	4.9	0.1	___	MLv	1.3	14683142	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.32	29.5	Lg	08:07:14.212	0.2	T__			___			14683143	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 1.3 1																				
MPLH	0.35	284.2	Lg	08:07:14.221	-0.6	T__			___			14683144	FDSN	HU	--	BUD	iLoc	BHN	???	_
MORH	0.97	153.9	Pg	08:07:21.856	0.7	T__	2.3	0.0	___	MLv	1.4	14683145	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.97	153.9	Lg	08:07:35.086	-0.7	T__			___			14683146	FDSN	HU	--	BUD	iLoc	BHZ	???	_
(Station ML : 1.4 1																				
KOVH	1.00	177.2	Lg	08:07:35.426	-1.7	T__			___			14683147	FDSN	HU	--	BUD	iLoc	BHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/09/23	08:44:04.01	1.24	0.99	48.5707	20.7791	9.7	4.6	150	0.0A		9	6	112	0.21	1.29	m	ke BUD	14683161	iLoc			169

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.6	4 BUD	14683161

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.21	245.9	Pg	08:44:08.876	0.4					T__	40.4	5.4		___	MLv	2.6	14683163	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	245.9	Lg	08:44:12.910	1.0					T__				___		14683164	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.6 1																									
CRVS	0.56	53.4	Pg	08:44:15.819	1.0					T__	3.2	0.0		___	MLv	1.0	14683165	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.56	53.4	Lg	08:44:23.748	-0.3					T__				___		14683166	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.0 1																									
PSZ	0.88	222.5	Pg	08:44:22.958	0.4					T__	3.9	0.1		___	MLv	1.8	14683167	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.88	222.5	Lg	08:44:36.432	0.2					T__				___		14683168	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1																									
LANS	1.04	304.3	Pg	08:44:24.701	0.3					T__	3.0	0.0		___	MLv	1.8	14683169	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 1.8 1																									
TRPA	1.25	109.9	Sn	08:44:46.300	-1.3					T__				___		14683170	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
VYHS	1.29	267.3	Sn	08:44:46.656	-1.3					T__				___		14683171	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/09/24	08:03:43.89	3.98	1.28	48.8183	20.5458	41.0	6.2	138	12.5F	19.9	6	3	235	0.34	1.00	m	ke BUD	14683189	iLoc			340

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	1.4	3 BUD	14683189

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.34	186.8	Pg	08:03:51.495	0.5					T__	21.9	2.7		___	MLv	2.7	14683191	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.34	186.8	Lg	08:03:55.387	-1.0					T__				___		14683192	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
(Station ML : 2.7 1																									
CRVS	0.61	81.8	Pg	08:03:54.850	-0.7					T__	1.7	0.0		___	MLv	0.8	14683193	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.61	81.8	Lg	08:04:06.740	1.2					T__				___		14683194	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 0.8 1																									
PSZ	1.00	206.0	Pg	08:04:04.857	0.2					T__	2.3	0.0		___	MLv	1.7	14683195	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.00	206.0	Sn	08:04:18.308	-0.1					T__				___		14683196	FDSN	GE	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/09/24	09:48:26.10	0.32		45.6370	17.2450	0.0	0.0		6.2F	5.1	14			0.67	1.87	a	ke RHSSO	14557839	ISC			360
2015/09/24	09:48:24.84	1.20	0.79	45.6272	17.2585	3.9	3.4	161	3.5F	9.1	30	13	79	0.35	1.86	m	ke BUD	14683210	iLoc			125

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		RHSSO	14557839
ML	2.0	0.0	6 BUD	14683210

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MOSL	0.35	268.0	Pg	09:48:31.970	-0.2					T__						14683212	FDSN	IR	--	ISC	iLoc	???	???	_	
MOSL	0.35	268.0	Lg	09:48:37.360	-0.4					T__						14683213	FDSN	IR	--	ISC	iLoc	???	???	_	
MRAK	0.66	202.5	Pg	09:48:37.300	-0.8					T__						14683214	FDSN	IR	--	ISC	iLoc	???	???	_	
MRAK	0.66	202.5	Lg	09:48:47.200	-0.7					T__						14683215	FDSN	IR	--	ISC	iLoc	???	???	_	
KOVH	0.75	51.6	Pg	09:48:39.459	-0.5					T__	6.4	0.1			MLv	2.0	14683216	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.75	51.6	Lg	09:48:52.197	0.9					T__						14683217	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.0 1																									
KALN	0.75	312.2	x	09:48:40.870	-99.0					---						14683218	FDSN	IR	--	ISC	iLoc	???	???	_	
KALN	0.75	312.2	Lg	09:48:50.840	-0.5					T__						14683219	FDSN	IR	--	ISC	iLoc	???	???	_	
BLY	0.84	183.7	Pn	09:48:43.222	0.4					T__	1.5	0.1			MLv	2.0	14683220	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
BLY	0.84	183.7	Sn	09:48:55.557	-1.1					T__						14683221	FDSN	MN	--	BUD	iLoc	BHE	???	_	
BLY	0.88	183.5	Pg	09:48:42.800	0.8					T__						14683222	FDSN	IR	--	ISC	iLoc	???	???	_	
BLY	0.88	183.5	Lg	09:48:54.700	-0.0					T__						14683223	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.0 1																									
BEHE	0.91	338.4	Pg	09:48:42.796	-0.2					T__	2.1	0.3			MLv	2.5	14683224	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.5 1																									
PTJ	0.95	287.7	Pg	09:48:43.390	-0.3					T__						14683225	FDSN	IR	--	ISC	iLoc	???	???	_	
PTJ	0.95	287.7	Lg	09:48:57.490	-0.6					T__						14683226	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	1.08	319.8	Pg	09:48:47.389	1.3					T__	1.7	0.4			MLv	2.7	14683227	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.08	319.8	Sn	09:49:03.087	0.5					T__						14683228	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.7 0																									
MORH	1.13	58.2	Pn	09:48:46.400	-0.2					T__						14683229	FDSN	IR	--	ISC	iLoc	???	???	_	
MORH	1.13	58.2	Sn	09:49:02.400	-1.1					T__						14683230	FDSN	IR	--	ISC	iLoc	???	???	_	
MORH	1.13	58.2	Pg	09:48:46.648	-0.6					T__	3.0	0.0			MLv	1.8	14683231	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.13	58.2	Lg	09:49:02.707	-0.9					T__						14683232	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.8 0																									
MGRS	1.22	185.9	Pn	09:48:48.600	0.4					T__						14683233	FDSN	IR	--	ISC	iLoc	???	???	_	
MGRS	1.22	185.9	Sn	09:49:05.900	-0.2					T__						14683234	FDSN	IR	--	ISC	iLoc	???	???	_	
CRES	1.28	279.6	Pg	09:48:50.042	0.4					T__	1.2	0.1			MLv	2.0	14683235	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.28	279.6	Lg	09:49:08.662	0.7					T__						14683236	FDSN	SL	--	BUD	iLoc	BHN	???	_	
CRES	1.28	279.6	Pn	09:48:49.100	0.2					T__						14683237	FDSN	IR	--	ISC	iLoc	???	???	_	
CRES	1.28	279.6	Sn	09:49:06.300	-1.5					T__						14683238	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.0 1																									
BOJS	1.41	265.7	Pn	09:48:51.300	0.5					T__						14683239	FDSN	IR	--	ISC	iLoc	???	???	_	
BOJS	1.41	265.7	Sn	09:49:10.900	-0.1					T__						14683240	FDSN	IR	--	ISC	iLoc	???	???	_	
FRGS	1.86	103.7	Pn	09:48:58.500	1.7					T__						14683241	FDSN	IR	--	ISC	iLoc	???	???	_	
FRGS	1.86	103.7	Sn	09:49:22.100	0.7					T__						14683242	FDSN	IR	--	ISC	iLoc	???	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/09/25	07:17:14.92	1.29	0.56	48.3983	19.1393	8.6	5.1	33	5.0A		8	6	85	0.22	1.19	m	ke BUD	14683310	iLoc			162

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.4	4 BUD	14683310

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.22	295.5	Pg	07:17:19.037	-0.6					T__	25.6	0.2		___	MLv	1.2	14683312	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.22	295.5	Lg	07:17:23.504	0.4					T__				___		14683313	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.2 1																									
PSZ	0.70	133.2	Pg	07:17:30.141	0.5					T__	3.8	0.1		___	MLv	1.6	14683314	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.70	133.2	Lg	07:17:39.854	-0.6					T__				___		14683315	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.6 1																									
LANS	0.78	16.0	Pg	07:17:30.662	0.3					T__	3.9	0.1		___	MLv	1.7	14683316	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 1.7 1																									
KECS	0.90	84.1	Pg	07:17:32.196	-0.5					T__	2.8	0.3		___	MLv	2.5	14683317	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 2.5 1																									
JAVC	1.08	295.9	Sn	07:17:52.279	0.3					T__				___		14683318	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
CSKK	1.19	210.1	Lg	07:17:55.719	0.1					T__				___		14683319	FDSN	HU	--	BUD	iLoc	SHZ	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/09/25	08:53:43.80	1.23	1.10	48.4144	19.4159	10.1	7.0	51	15.0A		8	6	144	0.39	1.84	m	ke BUD	14683337	iLoc			214

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.2	2 BUD	14683337

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.39	281.9	Pg	08:53:53.916	1.7					T__	53.4	0.3		___	MLv	1.9	14683339	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.39	281.9	Lg	08:53:57.783	-0.4					T__				___		14683340	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	0.59	147.0	Pn	08:53:56.671	-0.1					T__	2.1	0.0		___	MLv	1.4	14683341	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.59	147.0	Sn	08:54:06.533	-0.6					T__				___		14683342	FDSN	GE	--	BUD	iLoc	BHZ	???	_	
LANS	0.74	2.7	Lg	08:54:08.592	-0.4					T__				___		14683343	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
JAVC	1.24	291.7	Pn	08:54:04.727	-1.2					T__				___		14683344	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
CSKK	1.31	216.9	Sn	08:54:23.422	-0.9					T__				___		14683345	FDSN	HU	--	BUD	iLoc	SHZ	???	_	
MORC	1.84	318.6	Sn	08:54:37.990	-0.1					T__				___		14683346	FDSN	CZ	--	BUD	iLoc	BHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/09/28	08:51:38.85	0.25	0.25	46.0448	21.9037	2.6	1.2	113	12.7F	2.0	10			0.46	1.27	a	ke BUC	14558105	ISC			360
2015/09/28	08:51:37.03	0.96	1.60	46.1459	21.6064	7.8	4.2	100	17.0F	7.4	25	8	137	0.13	4.63	m	ke BUD	14683349	iLoc			200

Magnitude	Err	Nsta	Author	OrigID
ml	1.1		BUC	14558105
ML	1.5	0.3	5 BUD	14683349

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SIRR	0.13	18.2	Pg	08:51:41.556	0.3					T__	13.3	0.3		___	MLv	1.1	14683351	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.13	18.2	Lg	08:51:44.225	-0.3					T__				___		14683352	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.1 0																									

BZS	0.53	177.4	Pg	08:51:47.864	0.1	T__	2.1	0.0	---	MLv	1.2	14683353	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.53	177.4	Lg	08:51:54.751	-0.8	T__			---			14683354	FDSN	RO	--	BUD	iLoc	BHE	???	_
BZS	0.53	179.2	Pb	08:51:47.757	-0.0	T__			---			14683355	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.2 1																				
DRGR	1.00	49.4	Pn	08:51:56.779	1.2	T__			---			14683357	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	1.00	49.4	Sn	08:52:09.915	-0.4	T__			---			14683359	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	1.00	49.4	Pg	08:51:57.179	0.2	T__	2.0	0.0	---	MLv	1.7	14683360	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	1.00	49.4	Lg	08:52:10.176	-2.5	T__			---			14683361	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Station ML : 1.7 1																				
GZR	1.11	132.2	Pn	08:51:56.543	-0.3	T__			---			14683362	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.11	132.2	Pg	08:51:58.543	0.1	T__	1.7	0.0	---	MLv	1.5	14683364	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.11	132.2	Sn	08:52:08.706	-3.9	T__			---			14683365	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.11	132.2	Lg	08:52:14.095	-0.2	T__			---			14683366	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Station ML : 1.5 1																				
MDVR	1.37	176.8	Pn	08:52:02.544	2.0	T__			---			14683367	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.37	176.8	Sn	08:52:20.314	1.2	T__			---			14683369	FDSN	IR	--	ISC	iLoc	???	???	_
HERR	1.39	155.5	Pn	08:52:01.816	1.1	T__			---			14683370	FDSN	IR	--	ISC	iLoc	???	???	_
HERR	1.39	155.5	Sn	08:52:18.029	-1.3	T__			---			14683372	FDSN	IR	--	ISC	iLoc	???	???	_
CJR	1.49	66.9	Pn	08:52:04.951	2.3	T__	1.7	0.1	---	MLv	2.3	14683373	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
CJR	1.49	66.9	Sn	08:52:25.266	2.5	T__			---			14683374	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Station ML : 2.3 0																				
KRUC	4.58	311.5	Pg	08:53:01.000	-5.6	---			---			14683375	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	4.63	314.9	Pg	08:53:06.000	-1.5	T__			---			14683376	FDSN	IR	--	ISC	iLoc	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/09/28	09:01:12.53	1.38	0.70	47.1006	17.9863	6.3	4.9	91	0.0A		10	5	117	0.21	1.02	m	ke BUD	14683579	iLoc			229

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	5 BUD	14683579

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
TIH	0.21	198.6	Pg	09:01:17.550	0.2				T__		6.9	1.1		---	MLv	1.9	14683581	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
TIH	0.21	198.6	Lg	09:01:21.683	0.6				T__					---		14683582	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 1.9 0																									
MPLH	0.31	283.0	Pg	09:01:19.866	0.5				T__		3.9	0.1		---	MLv	1.1	14683583	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.31	283.0	Lg	09:01:23.575	-1.0				T__					---		14683584	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.1 0																									
CSKK	0.32	35.3	Pg	09:01:19.962	0.4				T__		3.4	0.1		---	MLv	1.2	14683585	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.32	35.3	Lg	09:01:24.449	-0.5				T__					---		14683586	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 1.2 1																									
MORH	0.99	152.6	Pg	09:01:32.859	0.4				T__		2.6	0.0		---	MLv	1.6	14683587	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.99	152.6	Lg	09:01:46.859	-0.6				T__					---		14683588	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.6 1																									
KOVH	1.02	175.5	Pg	09:01:33.351	0.3				T__		1.4	0.0		---	MLv	1.5	14683589	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.02	175.5	Lg	09:01:47.557	-0.9				T__					---		14683590	FDSN	HU	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/09/28	09:39:56.20	1.30	0.96	47.0850	18.0771	8.5	5.7	59	0.0S		8	5	131	0.23	1.00	m	kx BUD	14683612	iLoc			232

Magnitude Err Nsta Author OrigID
ML 1.5 0.2 4 BUD 14683612

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
TIH	0.23	215.1	Pg	09:40:01.557	0.3					T__	3.8	0.7		___	MLv	1.8	14683614	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 1.8 1																									
CSKK	0.31	24.1	Lg	09:40:08.966	1.0					T__				___		14683615	FDSN	HU	--	BUD	iLoc	SHN	???	_	
MPLH	0.38	283.3	Pg	09:40:03.052	-1.2					T__	2.3	0.1		___	MLv	1.1	14683616	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.38	283.3	Lg	09:40:10.433	0.1					T__				___		14683617	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.1 1																									
MORH	0.95	155.6	Pg	09:40:14.100	-1.2					T__	2.2	0.0		___	MLv	1.5	14683618	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.95	155.6	Lg	09:40:29.473	-0.2					T__				___		14683619	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.5 1																									
KOVH	1.00	179.1	Pn	09:40:17.284	0.8					T__	1.5	0.0		___	MLv	1.5	14683620	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.00	179.1	Lg	09:40:31.692	0.2					T__				___		14683621	FDSN	HU	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/09/28	10:17:34.27	1.17	0.44	48.5065	19.3583	8.0	4.6	10	0.0A		9	5	119	0.35	1.17	m	ke BUD	14683639	iLoc			176

Magnitude Err Nsta Author OrigID
ML 1.6 0.8 3 BUD 14683639

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.35	268.1	Pg	10:17:41.430	0.0					T__	8.0	0.1		___	MLv	1.1	14683641	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.35	268.1	Lg	10:17:46.223	-0.5					T__				___		14683642	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.1 1																									
PSZ	0.69	148.4	Pg	10:17:49.325	0.4					T__	3.2	0.1		___	MLv	1.6	14683643	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.69	148.4	Lg	10:17:59.355	-0.5					T__				___		14683644	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.6 1																									
KECS	0.75	91.4	Pg	10:17:49.505	0.3					T__	10.3	1.2		___	MLv	3.0	14683645	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.75	91.4	Lg	10:17:59.831	-0.6					T__				___		14683646	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 3.0 1																									
NIE	1.11	34.2	Lg	10:18:10.849	-0.3					T__				___		14683647	FDSN	PL	--	BUD	iLoc	BHE	???	_	
JAVC	1.17	288.1	Pn	10:17:57.289	0.0					T__				___		14683648	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
JAVC	1.17	288.1	Lg	10:18:14.681	0.1					T__				___		14683649	FDSN	CZ	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/09/28	22:14:22.41	3.23	0.05	48.1214	19.7781	33.9	6.4	104	0.0A		4	2	253	0.22	0.60	m	ke BUD	14683777	iLoc			360

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.22	158.9	Pg	22:14:27.538	-0.0					T__	4.9	0.1		___	MLv	1.0	14683779	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.22	158.9	Lg	22:14:31.602	0.0					T__				___		14683780	FDSN	GE	--	BUD	iLoc	BHE	???	_	
KECS	0.60	52.3	Pg	22:14:34.375	0.0					T__	2.6	0.3		___	MLv	2.4	14683781	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.60	52.3	Lg	22:14:43.416	-0.0					T__				___		14683782	FDSN	SK	--	BUD	iLoc	EHZ	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/09/29	10:32:02.70	0.21	0.31	46.0728	22.0897	1.7	1.4	79	5.0A		7	113		0.35	0.84	a	ke BUC	14558286	ISC			360
2015/09/29	10:32:02.04	0.98	0.71	46.0849	22.0899	7.4	4.5	124	4.7F	19.1	13	4	113	0.35	0.84	m	ke BUD	14683785	iLoc			203

Magnitude	Err	Nsta	Author	OrigID
ml	1.0		BUC	14558286
MLv	1.5	0.0	2 BUD	14683785

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
SIRR	0.35	301.5	Pg	10:32:09.516	0.1					T__	9.5	0.2		---	MLv	1.5	14683787	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.35	301.5	Lg	10:32:14.499	-0.5					T__				---		14683788	FDSN	RO	--	BUD	iLoc	BHZ	???	_	
BZS	0.56	214.2	Lg	10:32:21.532	0.2					T__				---		14683789	FDSN	RO	--	BUD	iLoc	BHN	???	_	
BZS	0.57	215.4	Sg	10:32:20.995	-0.7					T__				---		14683790	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	0.83	31.1	Pg	10:32:18.566	-0.0					T__				---		14683792	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	0.83	31.1	Lg	10:32:30.699	-1.3					T__				---		14683794	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	0.83	31.1	Pb	10:32:19.714	1.1					T__	1.3	0.0		---	MLv	1.5	14683795	FDSN	RO	--	BUD	iLoc	BHN	BHZ	_
DRGR	0.83	31.1	Sg	10:32:31.546	-0.4					T__				---		14683796	FDSN	RO	--	BUD	iLoc	BHZ	???	_	
GZR	0.84	144.9	Pn	10:32:19.394	-0.0					T__				---		14683797	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	0.84	144.9	Lg	10:32:30.071	-0.3					T__				---		14683799	FDSN	RO	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/09/30	02:12:02.63	2.19	0.31	47.3304	18.4075	18.3	9.7	47	5.0A		5	3	243	0.11	1.13	m	ke BUD	14683802	iLoc			326

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.1	2 BUD	14683802

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.11	288.2	Pg	02:12:05.287	0.1					T__	44.7	0.4		---	MLv	1.2	14683804	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.11	288.2	Lg	02:12:06.847	-0.4					T__				---		14683805	FDSN	HU	--	BUD	iLoc	SHN	???	_	
MPLH	0.61	255.1	Pg	02:12:14.968	0.0					T__	1.3	0.0		---	MLv	1.5	14683806	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.61	255.1	Lg	02:12:24.069	0.1					T__				---		14683807	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
MORH	1.13	171.6	Sn	02:12:40.214	-0.2					T__				---		14683808	FDSN	HU	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/02	10:17:12.13	1.45	0.32	48.3471	19.8475	7.4	5.8	179	0.0A		6	3	149	0.43	0.69	m	ke BUD	14683811	iLoc			256

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.8	3 BUD	14683811

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.43	175.8	Pg	10:17:21.701	0.1					T__	3.0	0.2		---	MLv	1.8	14683813	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.43	175.8	Lg	10:17:28.471	-0.2					T__				---		14683814	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.8 1																									
KECS	0.45	72.0	Pg	10:17:21.266	0.1					T__	7.3	0.9		---	MLv	2.5	14683815	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.45	72.0	Lg	10:17:27.876	-0.2					T__				---		14683816	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
(Station ML : 2.5 1																									

VYHS	0.69	282.7	Pg	10:17:26.269	0.3	T__	2.0	0.0	---	MLv	1.3	14683817	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	282.7	Lg	10:17:35.853	-0.4	T__			---			14683818	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 1.3 1																				
BSZH	1.09	164.8	Pn	10:17:26.386	-7.3	---			---			14683819	FDSN	HU	--	BUD	iLoc	HHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/02	10:24:29.30	0.29		45.5440	17.8140	0.0	0.0		4.4F	3.8	15			0.83	2.38	a	ke RHSSO	14558536	ISC			360
2015/10/02	10:24:27.37	1.46	0.97	45.5574	17.8194	5.4	4.7	179	0.2F	2.8	26	11	105	0.57	2.39	m	ke BUD	14684053	iLoc			169

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		RHSSO	14558536
ML	2.3	0.4	7 BUD	14684053

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOVH	0.57	20.2	Pg	10:24:40.077	0.9					T__	2.3	0.1		---	MLv	1.7	14684055	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.57	20.2	Lg	10:24:48.896	0.6					T__				---			14684056	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 1.7 0																									
MRAK	0.85	230.3	Pg	10:24:44.600	0.5					T__				---			14684057	FDSN	IR	--	ISC	iLoc	???	???	_
MRAK	0.85	230.3	Lg	10:24:55.700	-0.8					T__				---			14684058	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	0.87	40.9	Pg	10:24:45.200	0.1					T__				---			14684059	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	0.87	40.9	Lg	10:24:57.900	-0.6					T__				---			14684060	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	0.87	40.9	Pb	10:24:45.403	0.3					T__	3.7	0.1		---	MLv	2.0	14684061	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.87	40.9	Sn	10:25:00.090	-0.4					T__				---			14684062	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 2.0 1																									
BLY	0.89	210.6	Pn	10:24:45.938	-0.5					T__	2.4	0.1		---	MLv	2.0	14684063	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
BLY	0.93	209.3	Pg	10:24:45.200	-0.2					T__				---			14684064	FDSN	IR	--	ISC	iLoc	???	???	_
BLY	0.93	209.3	Lg	10:24:59.000	0.2					T__				---			14684065	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.0 1																									
BEHE	1.17	321.8	Pn	10:24:49.600	-0.8					T__				---			14684066	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	1.17	321.8	Sn	10:25:06.900	-1.4					T__				---			14684067	FDSN	IR	--	ISC	iLoc	???	???	_
BEHE	1.17	321.8	Pg	10:24:50.711	-0.3					T__	1.8	0.3		---	MLv	2.6	14684068	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	1.17	321.8	Lg	10:25:07.406	-1.2					T__				---			14684069	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 2.6 1																									
PTJ	1.34	285.8	Pn	10:24:52.762	-0.1					T__	2.5	0.2		---	MLv	2.5	14684070	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	1.34	285.8	Sn	10:25:12.142	-0.5					T__				---			14684071	FDSN	CR	--	BUD	iLoc	BHZ	???	_
(Station ML : 2.5 1																									
FRGS	1.46	105.2	Pg	10:24:55.500	0.3					T__				---			14684072	FDSN	IR	--	ISC	iLoc	???	???	_
FRGS	1.46	105.2	Lg	10:25:15.300	-1.8					T__				---			14684073	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	1.68	280.1	Pn	10:24:59.229	1.8					T__	1.9	0.1		---	MLv	2.3	14684074	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.68	280.1	Pg	10:24:58.900	-0.9					T__				---			14684075	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	1.68	280.1	Sn	10:25:21.200	0.4					T__				---			14684076	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.3 1																									
BOJS	1.81	269.2	Pn	10:25:01.200	2.0					T__				---			14684077	FDSN	IR	--	ISC	iLoc	???	???	_
BOJS	1.81	269.2	Sn	10:25:23.900	0.1					T__				---			14684078	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	2.32	317.7	Pn	10:25:06.843	0.6					T__	1.5	0.1		---	MLv	2.7	14684079	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.7 0																									
CEY	2.39	275.6	Sn	10:25:39.100	1.0					T__				---			14684080	FDSN	IR	--	ISC	iLoc	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/06	09:09:07.78	0.37	0.21	46.2877	21.7277	4.0	1.3	119	10.2F	2.1	8	227	0.67	1.51	a	ke	BUC	14558671	ISC			360
2015/10/06	09:09:06.06	2.00	0.69	46.3458	21.6753	14.9	6.1	122	2.1F	11.3	14	5	231	0.08	1.56	m	ke	BUD	14684223	iLoc		314

Magnitude	Err	Nsta	Author	OrigID
ml	1.4		BUC	14558671
ML	1.7	0.3	4 BUD	14684223

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SIRR	0.08	186.0	Pg	09:09:07.527	-0.6					T__	337.6	11.6		___	MLv	2.6	14684225	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.6 1																									
BZS	0.73	181.9	Pg	09:09:20.408	0.1					T__	1.8	0.0		___	MLv	1.4	14684226	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.73	181.9	Sg	09:09:30.709	-0.1					T__				___			14684227	FDSN	RO	--	BUD	iLoc	BHN	???	_
BZS	0.73	183.2	Lg	09:09:30.540	-0.4					T__				___			14684228	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.4 1																									
DRGR	0.84	57.7	Pn	09:09:24.506	0.4					T__	1.6	0.0		___	MLv	1.5	14684229	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.84	57.7	Lg	09:09:36.003	-0.5					T__				___			14684230	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Station ML : 1.5 1																									
GZR	1.22	140.7	Pn	09:09:29.549	0.4					T__	4.4	0.0		___	MLv	1.9	14684231	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.22	140.7	Pg	09:09:29.789	0.3					T__				___			14684232	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.22	140.7	Sn	09:09:46.073	-1.2					T__				___			14684234	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.22	140.7	Lg	09:09:47.297	0.4					T__				___			14684235	FDSN	RO	--	BUD	iLoc	BHN	???	_
(Station ML : 1.9 1																									
MDVR	1.56	179.0	Pn	09:09:34.914	0.9					T__				___			14684236	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.56	179.0	Sn	09:09:55.564	-0.4					T__				___			14684238	FDSN	IR	--	ISC	iLoc	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2015/10/07	08:58:46.39	1.45	0.60	48.5652	20.7572	8.2	4.6	139	0.0A		10	6	168	0.20	1.28	m	ke	BUD	14684256	iLoc			240

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	6 BUD	14684256

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.20	245.7	Pg	08:58:50.838	0.3					T__	99.4	12.8		___	MLv	3.0	14684258	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.20	245.7	Lg	08:58:54.454	0.7					T__				___			14684259	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 3.0 0																									
CRVS	0.58	53.9	Pg	08:58:57.930	0.5					T__	2.3	0.0		___	MLv	1.1	14684260	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.58	53.9	Lg	08:59:06.011	-0.9					T__				___			14684261	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 1.1 0																									
PSZ	0.87	222.0	Pg	08:59:04.720	0.1					T__	2.1	0.1		___	MLv	1.7	14684262	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.87	222.0	Lg	08:59:17.692	-0.4					T__				___			14684263	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Station ML : 1.7 1																									
NIE	0.90	341.3	Pg	08:59:04.002	0.7					T__	1.5	0.0		___	MLv	1.5	14684264	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.5 1																									
LANs	1.03	305.0	Pg	08:59:06.533	-0.1					T__	3.6	0.1		___	MLv	1.8	14684265	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANs	1.03	305.0	Lg	08:59:21.337	-0.5					T__				___			14684266	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Station ML : 1.8 1																									
VYHS	1.28	267.5	Pg	08:59:11.728	-0.1					T__	1.3	0.0		___	MLv	1.4	14684267	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/07	10:48:33.26	0.22	0.40	45.8318	21.7514	3.0	1.4	90	14.0F	2.4	12	151	0.23	1.17	a	ke	BUC	14558688	ISC			360
2015/10/07	10:48:32.67	0.96	0.63	45.8400	21.7282	7.5	3.6	99	9.6F	8.8	24	8	131	0.23	1.56	m	ke	BUD	14684293	iLoc		172

Magnitude	Err	Nsta	Author	OrigID
m1	1.8		BUC	14558688
ML	1.9	0.2	4 BUD	14684293

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BZS	0.23	195.6	Pg	10:48:37.578	-0.1					T__	19.2	0.6			MLv	1.7	14684295	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.24	199.3	Pb	10:48:37.413	-0.3					T__						14684296	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	0.24	199.3	Pb	10:48:37.413	-0.3					T__		0.1				14684297	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	0.24	199.3	Lg	10:48:41.893	0.3					T__		0.1				14684298	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.7 1																									
SIRR	0.43	353.9	Pg	10:48:42.254	0.6					T__	18.3	0.3			MLv	1.9	14684299	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.43	353.9	Lg	10:48:48.664	0.1					T__						14684300	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.9 1																									
BANR	0.62	222.4	Sn	10:48:56.000	-0.7					T__						14684301	FDSN	RO	--	BUD	iLoc	BHN	???	_	
GZR	0.86	120.9	Pn	10:48:49.662	-0.0					T__	4.1	0.1			MLv	1.9	14684302	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	0.86	120.9	Pg	10:48:49.788	0.5					T__						14684303	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	0.86	120.9	Lg	10:49:01.594	-0.0					T__						14684305	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	0.86	120.9	Sn	10:49:03.519	0.3					T__						14684306	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.9 1																									
MDVR	1.06	180.6	Pg	10:48:53.778	0.4					T__						14684307	FDSN	IR	--	ISC	iLoc	???	???	_	
MDVR	1.06	180.6	Pg	10:48:53.778	0.4					T__		0.1				14684308	FDSN	IR	--	ISC	iLoc	???	???	_	
MDVR	1.06	180.6	Sn	10:49:07.759	-0.5					T__		0.1				14684309	FDSN	IR	--	ISC	iLoc	???	???	_	
HERR	1.07	152.9	Pg	10:48:53.986	0.7					T__						14684310	FDSN	IR	--	ISC	iLoc	???	???	_	
HERR	1.07	152.9	Pg	10:48:53.986	0.7					T__		0.1				14684311	FDSN	IR	--	ISC	iLoc	???	???	_	
HERR	1.07	152.9	Sn	10:49:07.891	-0.5					T__		0.1				14684312	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	1.17	35.2	Pn	10:48:55.178	0.8					T__						14684313	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	1.17	35.2	Sn	10:49:10.832	-0.7					T__						14684315	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	1.17	35.2	Pg	10:48:56.048	0.2					T__	5.6	0.1			MLv	2.3	14684316	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	1.17	35.2	Lg	10:49:12.647	-1.0					T__						14684317	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.3 1																									
CJR	1.56	55.4	Lg	10:49:25.021	-1.2					T__						14684318	FDSN	RO	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2015/10/07	11:11:43.84	1.62	0.82	48.1982	19.2959	9.9	6.2	15	0.0A		5	4	115	0.43	0.84	m	ke	BUD	14684342	iLoc			189

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	1.1	4 BUD	14684342

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.43	314.1	Pg	11:11:52.494	-0.1					T__	3.3	0.0			MLv	0.9	14684344	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 0.9 1																									
PSZ	0.49	124.7	Pg	11:11:54.727	0.2					T__	1.6	0.1			MLv	1.4	14684345	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.49	124.7	Lg	11:12:01.613	-0.9					T__						14684346	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.4 1																									
SRO	0.76	240.1	Pg	11:11:59.733	0.5					T__	1.9	1.0			MLv	2.9	14684347	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
(Station ML : 2.9 1																									
KECS	0.84	69.8	Pg	11:12:01.161	0.6					T__	3.3	0.4			MLv	2.6	14684348	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2015/10/08	09:18:29.02	1.23	0.78	48.5768	20.7929	10.6	4.6	139	0.0A		11	7	169	0.22	1.77	m	ke BUD	14684366	iLoc			243			
Magnitude Err Nsta Author OrigID																									
ML	1.7	0.3				6	BUD											14684366							
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.22	245.5	Pg	09:18:33.350	-0.3					T__	46.6	5.5		___	MLv	2.7	14684368	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.22	245.5	Lg	09:18:37.444	0.1					T__				___			14684369	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 2.7 0																									
CRVS	0.55	53.4	Pg	09:18:39.554	-0.0					T__	1.5	0.0		___	MLv	0.9	14684370	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.55	53.4	Lg	09:18:47.462	-1.2					T__				___			14684371	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 0.9 0																									
PSZ	0.89	222.7	Pg	09:18:47.629	-0.1					T__	2.9	0.1		___	MLv	1.9	14684372	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.89	222.7	Lg	09:19:00.667	-0.9					T__				___			14684373	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML : 1.9 1																									
NIE	0.90	339.6	Pn	09:18:49.387	1.1					T__	1.4	0.0		___	MLv	1.5	14684374	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.5 1																									
LANS	1.05	303.8	Pg	09:18:48.698	-0.8					T__	4.3	0.1		___	MLv	1.9	14684375	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 1.9 1																									
VYHS	1.30	267.1	Pn	09:18:54.248	0.5					T__	1.8	0.0		___	MLv	1.4	14684376	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.30	267.1	Sn	09:19:13.358	0.1					T__				___			14684377	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 1.4 1																									
OJC	1.77	338.8	Sn	09:19:26.296	0.2					T__				___			14684378	FDSN	PL	--	BUD	iLoc	BHZ	???	_
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2015/10/08	10:06:33.88	1.11	0.69	48.5255	19.3422	5.6	4.9	22	0.0A		11	7	116	0.34	1.72	m	ke BUD	14684404	iLoc				172		
Magnitude Err Nsta Author OrigID																									
ML	1.6	0.1				4	BUD											14684404							
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.34	264.8	Pg	10:06:41.155	0.3					T__	3.2	0.0		___	MLv	0.8	14684406	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.34	264.8	Lg	10:06:46.106	0.1					T__				___			14684407	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 0.8 1																									
LANS	0.63	7.5	Pg	10:06:46.368	0.1					T__	5.9	0.1		___	MLv	1.7	14684408	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.63	7.5	Lg	10:06:54.604	-1.0					T__				___			14684409	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 1.7 1																									
PSZ	0.71	148.5	Pg	10:06:49.061	0.1					T__	1.8	0.1		___	MLv	1.7	14684410	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.71	148.5	Lg	10:06:59.532	-0.6					T__				___			14684411	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Station ML : 1.7 1																									
KECS	0.76	92.8	Lg	10:06:59.903	-0.6					T__				___			14684412	FDSN	SK	--	BUD	iLoc	EHN	???	_
NIE	1.10	35.2	Pn	10:06:56.467	0.6					T__	1.8	0.0		___	MLv	1.5	14684413	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.10	35.2	Lg	10:07:10.970	0.6					T__				___			14684414	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Station ML : 1.5 1																									
JAVC	1.16	287.4	Lg	10:07:12.739	-0.9					T__				___			14684415	FDSN	CZ	--	BUD	iLoc	BHN	???	_
MORC	1.72	317.3	Sn	10:07:27.599	-0.6					T__				___			14684416	FDSN	CZ	--	BUD	iLoc	BHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/08	11:21:25.80	3.22	1.29	45.7254	18.0975	21.4	16.0	27	5.0A		4	2	322	0.36	0.62	m	ke BUD	14684434	iLoc			360

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOVH	0.36	0.3	Pg	11:21:33.775	0.4					T__	2.0	0.0		___	MLv	1.0	14684436	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.36	0.3	Lg	11:21:38.303	-0.8					T__				___		14684437	FDSN	HU	--	BUD	iLoc	BHE	???	_	
MORH	0.62	37.7	Pg	11:21:37.865	-0.4					T__	1.5	0.0		___	MLv	1.5	14684438	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.62	37.7	Lg	11:21:48.461	0.8					T__				___		14684439	FDSN	HU	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/08	12:44:43.30	1.14	0.89	48.5151	19.3833	7.1	5.5	63	0.0A		8	5	116	0.36	1.75	m	ke BUD	14684442	iLoc			233

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	4 BUD	14684442

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.36	266.9	Pg	12:44:50.933	0.2					T__	2.4	0.0		___	MLv	0.6	14684444	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.36	266.9	Lg	12:44:56.091	-0.2					T__				___		14684445	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 0.6 1																									
LANS	0.64	5.0	Pg	12:44:56.323	0.5					T__	3.2	0.0		___	MLv	1.5	14684446	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.64	5.0	Lg	12:45:04.336	-1.0					T__				___		14684447	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 1.5 1																									
PSZ	0.69	150.0	Pg	12:44:58.711	0.8					T__	1.7	0.1		___	MLv	1.6	14684448	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.69	150.0	Lg	12:45:07.348	-1.5					T__				___		14684449	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.6 1																									
NIE	1.09	33.8	Pn	12:45:05.419	0.3					T__	1.2	0.0		___	MLv	1.5	14684450	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.5 1																									
MORC	1.75	316.9	Sn	12:45:38.183	-0.1					T__				___		14684451	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/09	07:14:45.82	1.38	0.33	48.3727	19.0921	13.8	5.3	40	2.5F	13.6	7	4	167	0.21	1.06	m	ke BUD	14684469	iLoc			280

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	3 BUD	14684469

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.21	305.6	Pg	07:14:50.167	-0.0					T__	23.6	0.2		___	MLv	1.1	14684471	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.21	305.6	Lg	07:14:53.532	0.1					T__				___		14684472	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.1 1																									
PSZ	0.70	129.9	Pg	07:15:00.943	0.3					T__	1.7	0.0		___	MLv	1.5	14684473	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.70	129.9	Lg	07:15:11.133	-0.5					T__				___		14684474	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.5 1																									
LANS	0.82	17.6	Pg	07:15:01.960	0.1					T__	3.1	0.0		___	MLv	1.6	14684475	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_

JAVC	1.06	297.8	Pn	07:15:06.872	-0.0	T__	---	14684476	FDSN	CZ	--	BUD	iLoc	BHE	???	_
JAVC	1.06	297.8	Sn	07:15:23.018	-0.0	T__	---	14684477	FDSN	CZ	--	BUD	iLoc	BHN	???	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/12	14:25:42.18	1.25	1.38	45.7254	18.8310	20.3	6.6	51	15.0A		6	3	176	0.51	0.92	m ke	BUD	14684571	iloc			320

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.0	3 BUD	14684571

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MORH	0.51	345.2	Pg	14:25:53.313	0.7					T__	2.8	0.0		___	MLv	1.3	14684573	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.51	345.2	Lg	14:25:59.883	-0.5					T__				___		14684574	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.3 1																									
KOVH	0.63	305.7	Pn	14:25:55.808	0.4					T__	1.3	0.0		___	MLv	1.3	14684575	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.63	305.7	Lg	14:26:03.510	-0.8					T__				___		14684576	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.3 1																									
FRGS	0.92	129.5	Pg	14:26:00.969	1.0					T__	2.2	0.1		___	MLv	1.7	14684577	FDSN	SJ	--	BUD	iLoc	HHZ	HHZ	_
FRGS	0.92	129.5	Sn	14:26:11.488	-1.8					T__				___		14684578	FDSN	SJ	--	BUD	iLoc	HHE	???		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/13	10:27:24.92	1.22	0.83	46.1197	21.7597	8.4	4.9	87	0.0A		8	4	145	0.16	1.02	m ke	BUD	14684592	iloc			214

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	4 BUD	14684592

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SIRR	0.16	335.3	Pg	10:27:28.837	0.0					T__	7.4	0.1		___	MLv	0.9	14684594	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.16	335.3	Lg	10:27:31.428	-0.5					T__				___		14684595	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Station ML : 0.9 1																									
BZS	0.51	189.5	Pg	10:27:35.167	0.1					T__	2.1	0.0		___	MLv	1.2	14684596	FDSN	RO	--	BUD	iLoc	BHN	BHZ	_
BZS	0.51	189.5	Lg	10:27:42.275	-0.3					T__				___		14684597	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.2 1																									
DRGR	0.94	44.0	Pg	10:27:44.520	0.7					T__	1.7	0.0		___	MLv	1.6	14684598	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.94	44.0	Lg	10:27:58.072	-1.1					T__				___		14684599	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.6 1																									
GZR	1.02	135.2	Pn	10:27:45.885	0.5					T__	1.4	0.0		___	MLv	1.6	14684600	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.02	135.2	Lg	10:27:57.895	-1.1					T__				___		14684601	FDSN	RO	--	BUD	iLoc	BHE	???		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/13	20:30:56.80	0.51	0.45	46.2512	16.6603	3.4	1.8	100	4.1F	4.3	19		5	1.20	2.28	a	ke VIE	14558837	ISC			360
2015/10/13	20:30:57.33	1.06	0.69	46.2085	16.6104	5.6	3.5	123	6.3F	7.7	27	14	111	0.13	2.29	m	ke BUD	14684619	iLoc			132

Magnitude	Err	Nsta	Author	OrigID
ml	2.0		VIE	14558837
ML	1.8	0.1	7 BUD	14684619

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
KALN	0.13	234.3	Pg	20:31:00.280	-0.4					T__						14684621	FDSN	IR	--	ISC	iLoc	??? ???	_	
KALN	0.13	234.3	Lg	20:31:02.660	-0.6					T__						14684622	FDSN	IR	--	ISC	iLoc	??? ???	_	
BEHE	0.29	23.5	Pg	20:31:03.696	0.3					T__	13.3	0.8			MLv	2.0	14684623	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
BEHE	0.29	23.5	Lg	20:31:08.899	0.8					T__						14684624	FDSN	HU	--	BUD	iLoc	BHE ???	_	
(Station ML : 2.0 1																								
KOGS	0.35	314.0	Pg	20:31:05.116	0.7					T__	8.4	1.1			MLv	2.3	14684625	FDSN	SL	--	BUD	iLoc	BHZ BHZ	_
KOGS	0.35	314.0	Lg	20:31:10.262	0.6					T__						14684626	FDSN	SL	--	BUD	iLoc	BHN ???	_	
(Station ML : 2.3 0																								
PTJ	0.54	236.2	Pg	20:31:08.440	0.1					T__						14684627	FDSN	IR	--	ISC	iLoc	??? ???	_	
PTJ	0.54	236.2	Lg	20:31:15.930	-1.0					T__						14684628	FDSN	IR	--	ISC	iLoc	??? ???	_	
ZAG	0.58	228.9	Pg	20:31:09.760	1.0					T__						14684629	FDSN	IR	--	ISC	iLoc	??? ???	_	
ZAG	0.58	228.9	Lg	20:31:17.640	0.1					T__						14684630	FDSN	IR	--	ISC	iLoc	??? ???	_	
CRES	0.89	245.0	Pg	20:31:14.835	0.2					T__	1.7	0.1			MLv	1.8	14684631	FDSN	SL	--	BUD	iLoc	BHZ BHZ	_
CRES	0.89	245.0	Lg	20:31:28.556	0.7					T__						14684632	FDSN	SL	--	BUD	iLoc	BHE ???	_	
(Station ML : 1.8 1																								
KOVH	1.04	96.1	Pn	20:31:17.298	-0.4					T__	3.2	0.1			MLv	1.8	14684633	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 1.8 1																								
MPLH	1.16	33.3	Pg	20:31:19.663	-0.5					T__	2.3	0.0			MLv	1.8	14684634	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 1.8 1																								
SOKA	1.19	293.9	Pn	20:31:19.530	-0.2					T__		0.4	0.12			14684635	FDSN	IR	--	ISC	iLoc	??? ???	_	
SOKA	1.19	293.9	Lg	20:31:36.929	0.1					T__		1.2	0.12			14684636	FDSN	IR	--	ISC	iLoc	??? ???	_	
ARSA	1.28	324.7	Pg	20:31:22.429	0.2					T__	1.4	0.0			MLv	1.8	14684637	FDSN	OE	--	BUD	iLoc	BHZ BHZ	_
ARSA	1.28	324.7	Sn	20:31:38.519	-0.6					T__						14684638	FDSN	OE	--	BUD	iLoc	BHE ???	_	
ARSA	1.28	324.7	Pb	20:31:21.874	-0.4					T__		0.7	0.17			14684639	FDSN	IR	--	ISC	iLoc	??? ???	_	
ARSA	1.28	324.7	Lg	20:31:38.757	-1.2					T__		4.8	0.22			14684640	FDSN	IR	--	ISC	iLoc	??? ???	_	
(Station ML : 1.8 1																								
MORH	1.41	89.0	Pn	20:31:23.499	0.8					T__	1.5	0.0			MLv	1.6	14684641	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 1.6 0																								
OBKA	1.46	282.6	Sn	20:31:44.698	0.8					T__						14684642	FDSN	OE	--	BUD	iLoc	BHN ???	_	
OBKA	1.46	282.6	Pg	20:31:25.167	0.1					T__		0.2	0.15			14684643	FDSN	IR	--	ISC	iLoc	??? ???	_	
OBKA	1.46	282.6	Lg	20:31:44.399	-1.0					T__		2.3	0.30			14684644	FDSN	IR	--	ISC	iLoc	??? ???	_	
PLIT	1.50	207.9	Pn	20:31:25.450	0.9					T__						14684645	FDSN	IR	--	ISC	iLoc	??? ???	_	
PLIT	1.50	207.9	Sn	20:31:44.490	-0.6					T__						14684646	FDSN	IR	--	ISC	iLoc	??? ???	_	
MOA	2.29	316.5	Pn	20:31:35.665	0.5					T__		0.1	0.07			14684647	FDSN	IR	--	ISC	iLoc	??? ???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/15	07:57:36.06	1.48	0.56	48.5021	20.8437	16.0	4.9	152	3.0F	12.4	9	5	162	0.24	1.34	m	ke BUD	14684684	iLoc			200

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.5	4 BUD	14684684

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
KECS	0.24	265.6	Pg	07:57:40.574	-0.4					T__	66.6	8.2			MLv	2.9	14684686	FDSN	SK	--	BUD	iLoc	EHZ EHZ	_
KECS	0.24	265.6	Lg	07:57:44.772	0.1					T__						14684687	FDSN	SK	--	BUD	iLoc	EHZ ???	_	
(Station ML : 2.9 1																								
CRVS	0.57	45.4	Pg	07:57:47.363	0.5					T__	2.0	0.0			MLv	1.1	14684688	FDSN	SK	--	BUD	iLoc	HHZ HHZ	_
CRVS	0.57	45.4	Lg	07:57:55.434	-0.8					T__						14684689	FDSN	SK	--	BUD	iLoc	HHE ???	_	
(Station ML : 1.1 1																								
PSZ	0.86	227.7	Pn	07:57:54.317	-0.0					T__	1.6	0.1			MLv	1.7	14684690	FDSN	GE	--	BUD	iLoc	BHZ BHZ	_

PSZ	0.86	227.7	Lg	07:58:07.600	0.2	T__	---	14684691	FDSN	GE	--	BUD	iLoc	BHN	???	_				
(Station ML : 1.7 1																				
KOLS	1.04	65.0	Sn	07:58:13.323	-0.4	T__	---	14684692	FDSN	SK	--	BUD	iLoc	HHZ	???	_				
VYHS	1.34	270.4	Pn	07:58:01.356	0.6	T__	1.3	0.0	---	MLv	1.5	14684693	FDSN	SK	--	BUD	iLoc	HHE	HHZ	_
VYHS	1.34	270.4	Sn	07:58:20.071	-0.2	T__	---	14684694	FDSN	SK	--	BUD	iLoc	HHE	???	_				

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/15	08:50:39.77	1.34	0.88	48.6647	19.8702	5.9	4.8	149	1.3F	21.1	11	6	124	0.45	1.18	m	ke	BUD	14684712	iLoc		202

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	6 BUD	14684712

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.45	113.7	Pg	08:50:48.932	0.2					T__	4.1	0.4		---	MLv	2.2	14684714	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.45	113.7	Lg	08:50:55.868	0.4					T__				---		14684715	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.2 0																									
VYHS	0.71	256.4	Pg	08:50:54.697	0.7					T__	1.3	0.0		---	MLv	1.1	14684716	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.71	256.4	Lg	08:51:03.141	-1.2					T__				---		14684717	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.1 0																									
PSZ	0.75	178.8	Pg	08:50:55.605	0.1					T__	1.6	0.1		---	MLv	1.7	14684718	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.75	178.8	Lg	08:51:06.959	-0.1					T__				---		14684719	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.7 1																									
NIE	0.81	20.9	Pg	08:50:55.950	1.0					T__	1.8	0.0		---	MLv	1.4	14684720	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.81	20.9	Lg	08:51:05.604	-1.1					T__				---		14684721	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.4 1																									
CRVS	1.08	76.7	Pg	08:51:00.079	0.2					T__	1.9	0.0		---	MLv	1.2	14684722	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	1.08	76.7	Lg	08:51:16.206	-0.9					T__				---		14684723	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.2 1																									
STHS	1.18	49.7	Pn	08:51:02.735	0.0					T__	1.5	0.1		---	MLv	2.2	14684724	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/16	14:23:00.68	0.56	0.47	46.1973	16.0186	4.3	1.9	93	0.0F	0.0	18		3	0.83	1.11	a	ke	VIE	14558957	ISC		360
2015/10/16	14:23:00.93	1.17	0.69	46.1843	16.0243	5.1	4.1	129	5.1F	10.2	18	8	94	0.28	1.45	m	ke	BUD	14684819	iLoc		134

Magnitude	Err	Nsta	Author	OrigID
mb	1.9		VIE	14558957
ml	1.7		VIE	14558957
ML	1.8	0.2	6 BUD	14684819

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PTJ	0.28	188.0	Pg	14:23:06.236	-0.4					T__	3.4	0.2		---	MLv	1.3	14684821	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.28	188.0	Lg	14:23:11.522	0.5					T__				---		14684822	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.3 0																									
KOGS	0.31	30.6	Pg	14:23:06.535	-0.7					T__	12.5	2.0		---	MLv	2.4	14684823	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.31	30.6	Lg	14:23:11.805	-0.1					T__				---		14684824	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.4 0																									
CRES	0.53	228.0	Pg	14:23:11.398	0.0					T__	3.2	0.1		---	MLv	1.6	14684825	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.53	228.0	Lg	14:23:19.650	0.0					T__				---		14684826	FDSN	SL	--	BUD	iLoc	BHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/17	11:29:10.70	0.00		48.6200	20.1300				0.0A		11					a	ke PRU	14558976	ISC			360
2015/10/17	11:29:10.17	1.00	1.48	48.6063	20.1195	5.0	4.2	7	0.0A		22	17	53	0.27	5.33	m	ke BUD	14684869	iLoc			74

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.3	11 BUD	14684869

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.27	116.7	Pg	11:29:15.449	-0.3					T__	176.3	21.0		---	MLv	3.4	14684871	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 3.4 0)																									
PSZ	0.70	192.4	Pg	11:29:24.996	-0.1					T__	9.5	0.2		---	MLv	2.2	14684872	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.2 1)																									
NIE	0.82	8.8	Pg	11:29:26.011	0.4					T__	4.1	0.1		---	MLv	1.9	14684873	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.9 1)																									
VYHS	0.86	263.0	Pg	11:29:27.392	0.0					T__	5.7	0.1		---	MLv	1.8	14684874	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.8 0)																									
CRVS	0.94	71.1	Pg	11:29:27.986	0.2					T__	7.7	0.1		---	MLv	1.8	14684875	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.8 0)																									
STHS	1.10	42.0	Pn	11:29:31.595	-0.6					T__	7.3	0.5		---	MLv	2.8	14684876	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
STHS	1.10	42.0	Lg	11:29:46.322	-0.6					T__				---			14684877	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Station ML : 2.8 1)																									
OJC	1.63	352.7	Pn	11:29:40.133	0.3					T__	2.7	0.1		---	MLv	2.3	14684878	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
OJC	1.63	352.7	Sn	11:30:02.832	-0.6					T__				---			14684879	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Station ML : 2.3 1)																									
JAVC	1.64	279.8	Pg	11:29:41.511	-1.0					T__				---			14684880	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
JAVC	1.64	279.8	Pn	11:29:41.100	1.4					T__				---			14684881	FDSN	IR	--	ISC	iLoc	???	???	_
OKC	1.79	314.4	Pg	11:29:43.400	-0.8					T__				---			14684882	FDSN	IR	--	ISC	iLoc	???	???	_
OKC	1.79	314.4	Sn	11:30:06.800	0.5					T__		11.5	0.80	---			14684883	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	2.06	305.7	Sn	11:30:13.213	-0.0					T__				---			14684884	FDSN	CZ	--	BUD	iLoc	BHN	???	_
MORC	2.06	305.7	Pg	11:29:48.600	-0.6					T__				---			14684885	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	2.43	288.1	Pn	11:29:51.450	1.0					T__				---			14684886	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
DRGR	2.52	135.1	Pn	11:29:52.366	0.1					T__	1.3	0.0		---	MLv	2.5	14684887	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.5 1)																									
MORH	2.59	203.3	Pn	11:29:52.893	0.1					T__	1.8	0.0		---	MLv	2.4	14684888	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_

Magnitude	Err	Nsta	Author	OrigID
mb	1.8		VIE	14559111
ml	1.9		VIE	14559111
ML	2.1	0.3	4 BUD	14685108

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ZST	0.24	198.9	Pg	11:36:54.477	-0.2					T__	36.0	17.4		---	MLv	3.2	14685110	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.24	198.9	Lg	11:36:58.471	-0.2					T__				---			14685111	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 3.2 1																									
JAVC	0.53	34.2	Pg	11:37:00.544	0.2					T__				---			14685112	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
JAVC	0.53	34.2	Lg	11:37:10.968	2.5					T__				---			14685113	FDSN	CZ	--	BUD	iLoc	BHE	???	_
JAVC	0.53	34.2	Pb	11:37:00.400	0.0					T__				---			14685114	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	0.53	34.2	Sg	11:37:09.000	0.5					T__				---			14685115	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	0.84	320.1	Pn	11:37:06.000	-1.6					T__				---			14685116	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	0.84	320.1	Pg	11:37:06.155	0.8					T__				---			14685117	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
VRAC	0.98	335.4	Pn	11:37:09.000	-0.5					T__				---			14685118	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	0.98	335.4	Sn	11:37:23.200	-1.7					T__				---			14685119	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	0.98	335.4	Pg	11:37:09.284	1.4					T__				---			14685120	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
CONA	1.03	242.0	Pg	11:37:09.518	-0.4					T__		3.8	0.26	---			14685121	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	1.03	242.0	Lg	11:37:24.892	-0.3					T__		7.4	0.32	---			14685122	FDSN	IR	--	ISC	iLoc	???	???	_
VYHS	1.08	85.5	Pn	11:37:09.986	-1.0					T__	4.7	0.0		---	MLv	1.7	14685123	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.7 1																									
MPLH	1.27	170.0	Pg	11:37:15.234	0.6					T__	4.0	0.1		---	MLv	2.1	14685124	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	1.27	170.0	Sn	11:37:33.419	1.3					T__				---			14685125	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 2.1 1																									
MORC	1.37	8.8	Pg	11:37:15.587	-0.0					T__				---			14685126	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
MORC	1.38	8.8	Pb	11:37:15.100	-0.5					T__				---			14685127	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	1.63	224.9	Lg	11:37:44.411	0.6					T__		3.8	0.43	---			14685128	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	1.63	224.9	Pn	11:37:19.599	1.0					T__	2.5	0.0		---	MLv	2.1	14685129	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	1.63	224.9	Sg	11:37:44.184	0.4					T__				---			14685130	FDSN	OE	--	BUD	iLoc	BHN	???	_
(Station ML : 2.1 1																									
PSZ	1.86	104.6	Lg	11:37:51.790	-1.2					T__				---			14685131	FDSN	GE	--	BUD	iLoc	BHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/20	13:07:34.20	1.96	0.47	47.0472	19.3510	10.8	5.6	157	7.0F	14.2	9	5	154	0.67	1.29	m	ke BUD	14685152	iLoc			208

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	4 BUD	14685152

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BSZH	0.67	67.7	Pg	13:07:48.423	-0.2					T__	1.7	0.1		---	MLv	1.9	14685154	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	0.67	67.7	Lg	13:07:59.302	0.3					T__				---			14685155	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Station ML : 1.9 1																									
CSKK	0.81	293.4	Lg	13:08:01.630	-0.7					T__				---			14685156	FDSN	HU	--	BUD	iLoc	SHN	???	_
PSZ	0.95	22.7	Pn	13:07:53.047	0.2					T__	2.4	0.1		---	MLv	1.9	14685157	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.95	22.7	Sn	13:08:07.399	-0.1					T__				---			14685158	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Station ML : 1.9 1																									
MPLH	1.24	276.3	Pg	13:07:59.374	0.5					T__	2.2	0.0		---	MLv	1.7	14685159	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	1.24	276.3	Sn	13:08:14.215	-0.3					T__				---			14685160	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.7 1																									

KOVH	1.29	222.4	Pn	13:07:57.647	0.1	T__	1.2	0.0	___	MLv	1.6	14685161	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.29	222.4	Sn	13:08:15.292	-0.4	T__			---			14685162	FDSN	HU	--	BUD	iLoc	BHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/21	11:30:11.19	1.63	0.68	48.3491	18.2221	7.9	5.6	6	9.9F	12.8	11	8	87	0.43	1.50	m	ke	BUD	14685322	iLoc		127

Magnitude	Err	Nsta	Author	OrigID	
MLv	1.5	0.7	2	BUD	14685322

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.43	70.2	Pg	11:30:20.065	-0.1					T__		0.0		---	ML	1.2	14685324	FDSN	SK	--	BUD	iLoc	HHZ	HH	_
VYHS	0.43	70.2	Pg							---		0.0		---	MLv	1.1	14685324	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.43	70.2	Lg	11:30:26.340	-0.3					T__				---		14685325	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.63	324.6	Pg	11:30:23.900	0.0					T__				---		14685326	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
JAVC	0.63	324.6	Lg	11:30:32.846	-0.3					T__				---		14685327	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
ZST	0.76	258.8	Lg	11:30:35.807	-1.3					T__				---		14685328	FDSN	SK	--	BUD	iLoc	HHN	???	_	
CSKK	0.99	178.5	Sn	11:30:44.651	0.0					T__				---		14685329	FDSN	HU	--	BUD	iLoc	SHZ	???	_	
PSZ	1.20	110.4	Sn	11:30:49.691	-0.6					T__				---		14685330	FDSN	GE	--	BUD	iLoc	BHN	???	_	
MPLH	1.27	201.6	Sn	11:30:51.641	0.2					T__				---		14685331	FDSN	HU	--	BUD	iLoc	BHN	???	_	
SOP	1.30	239.8	Pn	11:30:35.321	0.9					T__		0.1		---	ML	2.2	14685332	FDSN	HU	--	BUD	iLoc	BHZ	BH	_
SOP	1.30	239.8	Pn							---		0.1		---	MLv	2.1	14685332	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	1.30	239.8	Sn	11:30:51.827	-0.3					T__				---		14685333	FDSN	HU	--	BUD	iLoc	BHE	???	_	
MORC	1.50	342.9	Sn	11:30:57.372	-0.1					T__				---		14685334	FDSN	CZ	--	BUD	iLoc	BHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/21	11:57:42.90	1.46	0.55	48.5463	20.8262	12.1	4.8	137	6.7F	11.1	10	6	157	0.24	1.80	m	ke	BUD	14685339	iLoc		207

Magnitude	Err	Nsta	Author	OrigID	
ML	2.2	0.1	5	BUD	14685339

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.24	254.5	Pg	11:57:47.589	-0.2					T__	149.6	19.3		---	MLv	3.2	14685341	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.24	254.5	Lg	11:57:51.632	0.0					T__				---		14685342	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 3.2 0																									
PSZ	0.88	225.1	Pn	11:58:01.020	-0.1					T__	3.6	0.1		---	MLv	2.0	14685343	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.88	225.1	Lg	11:58:14.415	-0.2					T__				---		14685344	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.0 1																									
STHS	0.91	17.4	Pn	11:58:01.386	-0.2					T__	3.5	0.2		---	MLv	2.2	14685345	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
STHS	0.91	17.4	Lg	11:58:13.366	-0.2					T__				---		14685346	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
(Station ML : 2.2 1																									
KOLS	1.03	67.4	Lg	11:58:19.437	0.5					T__				---		14685347	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	1.32	268.5	Pn	11:58:08.152	1.1					T__	2.1	0.0		---	MLv	1.6	14685348	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.32	268.5	Sn	11:58:25.788	-0.3					T__				---		14685349	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.6 0																									
OJC	1.80	338.5	Pg	11:58:17.057	-0.2					T__	1.3	0.1		---	MLv	2.3	14685350	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/21	12:50:10.74	0.34	0.59	46.0784	21.9966	5.3	2.3	103	17.7F	4.5	13		100	0.30	1.39	a	ke BUC	14559306	ISC			360
2015/10/21	12:50:10.10	0.87	0.99	46.1036	21.9970	7.6	4.6	91	17.3F	11.3	23	7	97	0.28	1.40	m	ke BUD	14685417	iLoc			188

Magnitude	Err	Nsta	Author	OrigID
ml	1.6		BUC	14559306
ML	1.6 0.4	4	BUD	14685417

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
SIRR	0.28	305.0	Pg	12:50:17.049	0.3					T__	8.0	0.2		---	MLv	1.3	14685419	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.28	305.0	Lg	12:50:22.040	0.2					T__				---		14685420	FDSN	RO	--	BUD	iLoc	BHE	???	_	
SIRR	0.29	305.1	Sg	12:50:22.375	0.5					T__				---		14685421	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.3 1																									
BZS	0.55	207.3	Pg	12:50:21.545	0.4					T__	2.1	0.0		---	MLv	1.4	14685422	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.55	207.3	Lg	12:50:29.108	-0.1					T__				---		14685423	FDSN	RO	--	BUD	iLoc	BHE	???	_	
BZS	0.55	208.8	Pb	12:50:20.582	-0.8					T__				---		14685424	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.4 1																									
DRGR	0.85	35.4	Sn	12:50:39.809	0.2					T__				---		14685426	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	0.85	35.4	Pn	12:50:26.720	0.2					T__	2.6	0.1		---	MLv	1.8	14685427	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.85	35.4	Lg	12:50:39.521	-1.1					T__				---		14685428	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.8 1																									
GZR	0.90	142.2	Pn	12:50:26.402	-0.5					T__	6.3	0.1		---	MLv	2.1	14685429	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	0.90	142.2	Pg	12:50:26.530	-0.9					T__				---		14685430	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	0.90	142.2	Pg	12:50:26.530	-0.9					T__		0.1		---		14685431	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	0.90	142.2	Sn	12:50:40.733	0.4					T__		0.1		---		14685432	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	0.90	142.2	Lg	12:50:42.843	2.5					T__				---		14685433	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.1 1																									
AMBH	0.92	286.1	Sn	12:50:32.059	-8.5					---				---		14685434	FDSN	HU	--	BUD	iLoc	SHE	???	_	
HERR	1.26	166.3	Pg	12:50:33.790	-0.4					T__				---		14685435	FDSN	IR	--	ISC	iLoc	???	???	_	
HERR	1.26	166.3	Sn	12:50:49.268	0.0					T__				---		14685437	FDSN	IR	--	ISC	iLoc	???	???	_	
MDVR	1.34	188.7	Pg	12:50:34.923	-1.2					T__				---		14685438	FDSN	IR	--	ISC	iLoc	???	???	_	
MDVR	1.34	188.7	Sn	12:50:51.922	0.4					T__				---		14685440	FDSN	IR	--	ISC	iLoc	???	???	_	
LOT	1.40	117.2	Pn	12:50:35.669	1.3					T__				---		14685441	FDSN	IR	--	ISC	iLoc	???	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/21	14:29:49.91	1.84	0.47	47.0749	17.9971	17.7	7.4	55	10.0A		8	4	225	0.19	0.99	m	ke BUD	14759192	iLoc			309

Magnitude	Err	Nsta	Author	OrigID
ML	1.5 0.3	4	BUD	14759192

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
TIH	0.19	203.2	Pg	14:29:54.325	-0.0					T__	5.5	0.9		---	MLv	1.8	14759194	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
TIH	0.19	203.2	Lg	14:29:57.686	-0.0					T__				---		14759195	FDSN	HU	--	BUD	iLoc	SHE	???	_	
(Station ML : 1.8 1																									
MPLH	0.33	287.1	Pg	14:29:56.394	-0.4					T__	3.6	0.1		---	MLv	1.0	14759196	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.33	287.1	Lg	14:30:02.649	0.7					T__				---		14759197	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.0 1																									
MORH	0.97	152.3	Pn	14:30:08.338	0.0					T__	1.1	0.0		---	MLv	1.4	14759198	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	0.97	152.3	Sn	14:30:23.100	0.3					T__				---		14759199	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
(Station ML : 1.4 1																									
KOVH	0.99	175.9	Pn	14:30:08.944	0.2					T__	1.5	0.0		---	MLv	1.6	14759200	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2015/10/21	19:31:35.72	5.51	0.40	47.2216	17.5730	33.5	11.4	165	3.1F	14.3	8	4	299	0.06	1.25	m	ke BUD	14685462	iLoc			341			
Magnitude Err Nsta Author OrigID ML 1.7 0.1 4 BUD 14685462																									
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MPLH	0.06	204.0	Pg	19:31:37.020	-0.2					T__	3.9	0.1		___	MLv	0.5	14685464	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.06	204.0	Lg	19:31:38.821	0.3					T__				___		14685465	FDSN	HU	--	BUD	iLoc	BHR	???	_	
(Station ML : 0.5 1																									
TIH	0.39	146.1	Pg	19:31:43.485	-0.1					T__	2.0	0.3		___	MLv	1.8	14685466	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
TIH	0.39	146.1	Lg	19:31:49.563	-0.0					T__				___		14685467	FDSN	HU	--	BUD	iLoc	SHR	???	_	
(Station ML : 1.8 1																									
KOVH	1.19	162.1	Pg	19:31:59.276	-0.3					T__	1.4	0.0		___	MLv	1.8	14685468	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.19	162.1	Sn	19:32:16.075	0.3					T__				___		14685469	FDSN	HU	--	BUD	iLoc	BHR	???	_	
(Station ML : 1.8 1																									
MORH	1.25	143.4	Pg	19:32:00.687	0.3					T__	1.5	0.0		___	MLv	1.7	14685470	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.25	143.4	Lg	19:32:17.683	-0.4					T__				___		14685471	FDSN	HU	--	BUD	iLoc	BHR	???	_	
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp 2015/10/22 09:57:24.33 0.20 0.38 46.0531 22.0584 2.0 1.5 104 8.8F 2.9 11 93 0.35 1.34 a ke BUC 14559343 ISC 360 2015/10/22 09:57:23.52 0.96 0.91 46.0663 22.0567 5.7 4.2 96 8.2F 11.3 22 7 85 0.34 1.35 m ke BUD 14685489 iLoc 170																									
Magnitude Err Nsta Author OrigID ml 1.5 BUC 14559343 ML 1.7 0.0 3 BUD 14685489																									
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SIRR	0.34	306.2	Pg	09:57:30.886	0.1					T__	8.5	0.3		___	MLv	1.7	14685491	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.34	306.2	Lg	09:57:35.733	-0.6					T__				___		14685492	FDSN	RO	--	BUD	iLoc	BHE	???	_	
SIRR	0.34	306.3	Pb	09:57:31.265	0.5					T__				___		14685493	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.34	306.3	Sg	09:57:35.887	-0.5					T__				___		14685495	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.7 1																									
BZS	0.53	213.2	Pg	09:57:34.924	0.8					T__	1.5	0.1		___	MLv	1.5	14685496	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.53	213.2	Lg	09:57:41.713	-0.3					T__				___		14685497	FDSN	RO	--	BUD	iLoc	BHE	???	_	
BZS	0.54	214.5	Sg	09:57:42.028	-0.3					T__				___		14685498	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.5 1																									
GZR	0.84	142.9	Pg	09:57:39.821	0.1					T__				___		14685499	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	0.84	142.9	Lg	09:57:52.107	0.1					T__				___		14685501	FDSN	RO	--	BUD	iLoc	BHN	???	_	
DRGR	0.86	31.7	Pn	09:57:40.887	-0.1					T__				___		14685502	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	0.86	31.7	Pg	09:57:41.032	0.4					T__	1.4	0.1		___	MLv	1.7	14685504	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.86	31.7	Lg	09:57:53.422	-0.8					T__				___		14685505	FDSN	RO	--	BUD	iLoc	BHZ	???	_	
(Station ML : 1.7 1																									
BANR	0.94	223.6	Lg	09:57:53.675	-1.7					T__				___		14685506	FDSN	RO	--	BUD	iLoc	BHN	???	_	
MDVR	1.31	190.8	Lg	09:58:06.601	-0.7					T__				___		14685507	FDSN	IR	--	ISC	iLoc	???	???	_	
LOT	1.35	116.7	Pg	09:57:50.239	0.8					T__				___		14685509	FDSN	IR	--	ISC	iLoc	???	???	_	

LOT	1.35	116.7	Sn	09:58:07.965	0.8	T__	---	14685511	FDSN	IR	--	ISC	iLoc	??? ???	-
LOT	1.35	116.7	Lg	09:58:06.305	-2.6	T__	---	14685512	FDSN	RO	--	BUD	iLoc	BHE ???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/22	10:31:31.42	0.21	0.44	46.0428	22.9045	1.7	1.4	62	3.6F	2.2	21	67	0.16	2.24	a	ke	BUC	14559372	ISC			360
2015/10/22	10:31:30.82	0.91	0.68	46.0461	22.9026	3.7	3.3	68	9.4F	6.5	38	11	66	0.16	2.23	m	ke	BUD	14685526	iLoc		121

Magnitude	Err	Nsta	Author	OrigID
ml	1.6		BUC	14559372
ML	1.8	0.0	5 BUD	14685526

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
DEV	0.16	181.2	Pg	10:31:34.326	0.0					T__	8.2	0.6	---	MLv	1.5	14685528	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
DEV	0.16	181.2	Pg							---		0.6	---	MLv	1.5	14685528	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
DEV	0.16	181.2	Pg							---		0.6	---	MLv	1.5	14685528	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
DEV	0.16	181.2	Lg	10:31:37.221	0.3					T__			---			14685529	FDSN	RO	--	BUD	iLoc	BHN	???	-
DEV	0.16	179.8	Pb	10:31:34.076	-0.3					T__			---			14685530	FDSN	IR	--	ISC	iLoc	???	???	-
DEV	0.16	179.8	Pb	10:31:34.076	-0.3					T__		0.4	---			14685531	FDSN	IR	--	ISC	iLoc	???	???	-
(Station ML : 1.5 0																								
GZR	0.66	187.7	Pg	10:31:43.632	-0.0					T__	3.0	0.1	---	MLv	1.9	14685532	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
GZR	0.66	187.7	Pg							---		0.1	---	MLv	1.9	14685532	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
GZR	0.66	187.7	Pg							---		0.1	---	MLv	1.9	14685532	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
GZR	0.66	187.7	Pb	10:31:43.777	0.1					T__			---			14685533	FDSN	IR	--	ISC	iLoc	???	???	-
GZR	0.66	187.7	Pb	10:31:43.777	0.1					T__		0.1	---			14685534	FDSN	IR	--	ISC	iLoc	???	???	-
GZR	0.66	187.7	Lg	10:31:52.635	-0.7					T__		0.1	---			14685535	FDSN	IR	--	ISC	iLoc	???	???	-
GZR	0.66	187.7	Sg	10:31:53.048	-0.2					T__			---			14685536	FDSN	RO	--	BUD	iLoc	BHE	???	-
(Station ML : 1.9 1																								
DRGR	0.76	350.0	Pg	10:31:46.160	0.1					T__			---			14685537	FDSN	IR	--	ISC	iLoc	???	???	-
DRGR	0.76	350.0	Pb	10:31:45.798	-0.3					T__	1.8	0.1	---	MLv	1.7	14685539	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
DRGR	0.76	350.0	Pb							---		0.1	---	MLv	1.7	14685539	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
DRGR	0.76	350.0	Pb							---		0.1	---	MLv	1.7	14685539	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
DRGR	0.76	350.0	Lg	10:31:56.370	-1.7					T__			---			14685540	FDSN	RO	--	BUD	iLoc	BHE	???	-
(Station ML : 1.7 1																								
LOT	0.85	134.3	Pn	10:31:48.464	0.3					T__			---			14685541	FDSN	IR	--	ISC	iLoc	???	???	-
LOT	0.85	134.3	Lg	10:31:59.746	0.0					T__			---			14685543	FDSN	IR	--	ISC	iLoc	???	???	-
SIRR	0.89	284.7	Pg	10:31:49.111	0.4					T__	2.7	0.1	---	MLv	2.0	14685544	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
SIRR	0.89	284.7	Pg							---		0.1	---	MLv	2.0	14685544	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
SIRR	0.89	284.7	Pg							---		0.1	---	MLv	2.0	14685544	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
SIRR	0.89	284.7	Sn	10:32:02.823	0.3					T__			---			14685545	FDSN	RO	--	BUD	iLoc	BHN	???	-
SIRR	0.89	284.8	Lg	10:32:00.561	-1.5					T__			---			14685546	FDSN	IR	--	ISC	iLoc	???	???	-
(Station ML : 2.0 0																								
BZS	0.98	244.6	Pg	10:31:49.848	-0.1					T__	1.5	0.1	---	MLv	1.8	14685547	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
BZS	0.98	244.6	Pg							---		0.1	---	MLv	1.8	14685547	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
BZS	0.98	244.6	Pg							---		0.1	---	MLv	1.8	14685547	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
BZS	0.98	244.6	Lg	10:32:03.530	-0.4					T__			---			14685548	FDSN	RO	--	BUD	iLoc	BHE	???	-
BZS	1.00	244.9	Pb	10:31:50.535	0.3					T__			---			14685549	FDSN	IR	--	ISC	iLoc	???	???	-
BZS	1.00	244.9	Sg	10:32:04.468	-0.0					T__			---			14685551	FDSN	IR	--	ISC	iLoc	???	???	-
(Station ML : 1.8 1																								
HERR	1.21	196.6	Pg	10:31:53.943	-0.1					T__			---			14685552	FDSN	IR	--	ISC	iLoc	???	???	-
HERR	1.21	196.6	Pg	10:31:53.943	-0.1					T__		0.1	---			14685553	FDSN	IR	--	ISC	iLoc	???	???	-
HERR	1.21	196.6	Lg	10:32:11.738	0.9					T__		0.1	---			14685554	FDSN	IR	--	ISC	iLoc	???	???	-

ARR	1.39	118.6	Pg	10:31:57.437	-0.1	T__									14685555	FDSN	IR	--	ISC	iLoc	??? ???	-
ARR	1.39	118.6	Lg	10:32:17.043	-0.2	T__									14685557	FDSN	IR	--	ISC	iLoc	??? ???	-
MDVR	1.52	214.0	Pg	10:31:59.110	-1.0	T__									14685558	FDSN	IR	--	ISC	iLoc	??? ???	-
MDVR	1.52	214.0	Pg	10:31:59.110	-1.0	T__				0.1					14685559	FDSN	IR	--	ISC	iLoc	??? ???	-
MDVR	1.52	214.0	Lg	10:32:20.537	-0.6	T__				0.1					14685560	FDSN	IR	--	ISC	iLoc	??? ???	-
VOIR	1.62	111.3	Pg	10:32:01.703	-0.3	T__									14685561	FDSN	IR	--	ISC	iLoc	??? ???	-
VOIR	1.62	111.3	Lg	10:32:23.394	-1.6	T__									14685563	FDSN	IR	--	ISC	iLoc	??? ???	-
BURAR	2.23	44.5	Pn	10:32:09.459	1.2	T__									14685564	FDSN	IR	--	ISC	iLoc	??? ???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/22	10:37:47.51	0.26	0.49	46.0348	22.8740	2.0	1.6	42	5.7F	2.1	19		119	0.15	1.63	a	ke BUC	14559444	ISC			360
2015/10/22	10:37:46.98	0.93	0.66	46.0613	22.8360	4.5	3.4	36	4.4F	8.8	32	10	117	0.18	1.67	m	ke BUD	14685604	iLoc			186

Magnitude	Err	Nsta	Author	OrigID
ml	1.7		BUC	14559444
ML	2.0	0.1	6 BUD	14685604

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DEV	0.18	166.0	Pg	10:37:50.571	0.0					T__	19.3	1.5		---	MLv	2.0	14685606	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
DEV	0.18	165.2	Pb	10:37:50.732	0.1					T__				---		14685607	FDSN	IR	--	ISC	iLoc	???	???	-	
DEV	0.18	165.2	Pb	10:37:50.732	0.1					T__		0.7		---		14685608	FDSN	IR	--	ISC	iLoc	???	???	-	
DEV	0.18	165.2	Lg	10:37:53.534	0.2					T__		0.7		---		14685609	FDSN	IR	--	ISC	iLoc	???	???	-	
(Station ML : 2.0 1																									
GZR	0.67	183.6	Pg	10:38:00.001	0.1					T__	4.6	0.1		---	MLv	2.0	14685610	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
GZR	0.67	183.6	Lg	10:38:08.782	-0.8					T__		0.2		---		14685611	FDSN	IR	--	ISC	iLoc	???	???	-	
GZR	0.67	183.6	Sg	10:38:09.497	-0.1					T__				---		14685612	FDSN	RO	--	BUD	iLoc	BHE	???	-	
(Station ML : 2.0 1																									
DRGR	0.74	353.3	Pg	10:38:02.228	0.5					T__	3.1	0.1		---	MLv	2.0	14685613	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
DRGR	0.74	353.3	Lg	10:38:12.776	-0.9					T__				---		14685614	FDSN	RO	--	BUD	iLoc	BHE	???	-	
(Station ML : 2.0 1																									
SIRR	0.84	284.5	Pg	10:38:03.783	-0.3					T__	5.9	0.2		---	MLv	2.3	14685615	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
SIRR	0.84	284.5	Lg	10:38:16.133	-0.7					T__				---		14685616	FDSN	RO	--	BUD	iLoc	BHN	???	-	
SIRR	0.84	284.6	Sg	10:38:17.188	0.3					T__				---		14685617	FDSN	IR	--	ISC	iLoc	???	???	-	
(Station ML : 2.3 1																									
LOT	0.90	132.8	Lg	10:38:15.787	-1.5					T__		0.1		---		14685618	FDSN	IR	--	ISC	iLoc	???	???	-	
LOT	0.90	132.9	Pg	10:38:04.676	0.4					T__	2.3	0.2		---	MLv	2.3	14685619	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
LOT	0.90	132.9	Sg	10:38:17.839	0.4					T__				---		14685620	FDSN	RO	--	BUD	iLoc	BHN	???	-	
(Station ML : 2.3 0																									
BZS	0.95	242.5	Pg	10:38:05.250	-0.2					T__	1.7	0.1		---	MLv	1.8	14685621	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	-
BZS	0.95	242.5	Lg	10:38:19.944	0.9					T__				---		14685622	FDSN	RO	--	BUD	iLoc	BHE	???	-	
BZS	0.96	242.9	Pb	10:38:05.512	-0.3					T__				---		14685623	FDSN	IR	--	ISC	iLoc	???	???	-	
BZS	0.96	242.9	Sg	10:38:19.030	-0.5					T__				---		14685625	FDSN	IR	--	ISC	iLoc	???	???	-	
(Station ML : 1.8 0																									
HERR	1.22	194.2	Pg	10:38:10.158	-0.1					T__				---		14685626	FDSN	IR	--	ISC	iLoc	???	???	-	
HERR	1.22	194.2	Pg	10:38:10.158	-0.1					T__		0.1		---		14685627	FDSN	IR	--	ISC	iLoc	???	???	-	
HERR	1.22	194.2	Lg	10:38:26.810	-0.7					T__		0.1		---		14685628	FDSN	IR	--	ISC	iLoc	???	???	-	
ARR	1.44	118.2	Pn	10:38:13.646	0.3					T__				---		14685629	FDSN	IR	--	ISC	iLoc	???	???	-	
ARR	1.44	118.2	Sn	10:38:32.778	-1.3					T__				---		14685631	FDSN	IR	--	ISC	iLoc	???	???	-	
MDVR	1.50	212.1	Pn	10:38:14.366	0.4					T__				---		14685632	FDSN	IR	--	ISC	iLoc	???	???	-	
MDVR	1.50	212.1	Pn	10:38:14.366	0.4					T__		0.1		---		14685633	FDSN	IR	--	ISC	iLoc	???	???	-	
MDVR	1.50	212.1	Sn	10:38:36.534	1.3					T__		0.1		---		14685634	FDSN	IR	--	ISC	iLoc	???	???	-	

VOIR	1.67	111.1	Pn	10:38:17.606	0.8	T__	---	14685635	FDSN	IR	--	ISC	iLoc	???	???	_
VOIR	1.67	111.1	Sn	10:38:39.786	-0.4	T__	---	14685637	FDSN	IR	--	ISC	iLoc	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/22	10:39:45.51	1.16	0.66	48.9913	19.3867	7.8	6.0	139	7.3F	1.6	10	6	108	0.62	1.26	m	ke BUD	14685671	iLoc			155

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.5	3 BUD	14685671

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.62	216.4	Pg	10:39:57.738	-0.2					T__	1.9	0.0		---	MLv	1.3	14685673	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.62	216.4	Lg	10:40:06.293	-0.8					T__				---		14685674	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Station ML : 1.3 1																									
NIE	0.74	54.5	Pn	10:40:02.091	0.4					T__	1.4	0.1		---	MLv	1.7	14685675	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.74	54.5	Lg	10:40:10.335	-0.0					T__				---		14685676	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.7 1																									
KECS	0.89	124.5	Lg	10:40:15.940	-0.3					T__				---		14685677	FDSN	SK	--	BUD	iLoc	EHN	???	_	
PSZ	1.13	162.3	Pg	10:40:08.750	0.2					T__	1.7	0.1		---	MLv	2.0	14685678	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.13	162.3	Sn	10:40:23.947	-0.1					T__				---		14685679	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.0 1																									
JAVC	1.14	264.0	Pg	10:40:08.400	0.4					T__				---		14685680	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
JAVC	1.14	264.0	Lg	10:40:24.044	-0.1					T__				---		14685681	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
OJC	1.26	12.1	Lg	10:40:26.497	-1.2					T__				---		14685682	FDSN	PL	--	BUD	iLoc	BHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/23	07:27:31.11	1.57	0.37	48.5129	19.3067	17.0	5.5	4	10.0A		5	3	185	0.31	0.78	m	ke BUD	14686027	iLoc			305

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	1.3	2 BUD	14686027

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.31	266.7	Pg	07:27:38.012	0.3					T__	2.2	0.0		---	MLv	0.6	14686029	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.31	266.7	Lg	07:27:42.271	-0.4					T__				---		14686030	FDSN	SK	--	BUD	iLoc	HHE	???	_	
PSZ	0.71	146.3	Lg	07:27:56.595	-0.1					T__				---		14686031	FDSN	GE	--	BUD	iLoc	BHE	???	_	
KECS	0.78	91.7	Pg	07:27:46.776	0.1					T__	2.9	0.4		---	MLv	2.5	14686032	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.78	91.7	Lg	07:27:57.994	-0.1					T__				---		14686033	FDSN	SK	--	BUD	iLoc	EHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/23	10:03:45.12	1.34	0.38	48.5292	19.3708	8.0	4.6	7	1.6F	20.6	9	5	114	0.36	1.17	m	ke BUD	14686036	iLoc			171

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	1.2	3 BUD	14686036

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.36	264.5	Pg	10:03:52.535	0.1					T__	4.6	0.0		---	MLv	1.0	14686038	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.36	264.5	Lg	10:03:57.379	-0.4					T__				---		14686039	FDSN	SK	--	BUD	iLoc	HHN	???	_	

```

(Station ML : 1.0 1
PSZ 0.70 150.0 Pg 10:04:00.253 0.3 T__ 1.6 0.1 ___ MLv 1.8 14686040 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.70 150.0 Lg 10:04:10.566 -0.4 T__ ___ 14686041 FDSN GE -- BUD iLoc BHE ??? _
(Station ML : 1.8 1
KECS 0.74 93.1 Pg 10:04:00.102 0.3 T__ 7.9 0.9 ___ MLv 2.9 14686042 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.74 93.1 Lg 10:04:10.511 -0.4 T__ ___ 14686043 FDSN SK -- BUD iLoc EHZ ??? _
(Station ML : 2.9 1
NIE 1.09 34.5 Lg 10:04:20.872 -0.3 T__ ___ 14686044 FDSN PL -- BUD iLoc BHN ??? _
JAVC 1.17 287.0 Pn 10:04:07.876 -0.0 T__ ___ 14686045 FDSN CZ -- BUD iLoc BHZ ??? _
JAVC 1.17 287.0 Lg 10:04:25.098 0.1 T__ ___ 14686046 FDSN CZ -- BUD iLoc BHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2015/10/24 18:52:35.78 1.56 0.48 46.9371 18.0779 13.4 5.9 77 11.8F 23.2 8 5 135 0.14 0.85 m ke BUD 14686060 iLoc 208

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.2 4 BUD 14686060

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
TIH 0.14 254.2 Pg 18:52:39.667 0.3 T__ 7.1 0.7 ___ MLv 1.5 14686062 FDSN HU -- BUD iLoc SHZ SHZ _
TIH 0.14 254.2 Lg 18:52:41.945 -0.3 T__ ___ 14686063 FDSN HU -- BUD iLoc SHE ??? _
(Station ML : 1.5 1
MPLH 0.44 302.5 Pg 18:52:44.905 0.1 T__ 1.3 0.0 ___ MLv 1.1 14686064 FDSN HU -- BUD iLoc BHZ BHZ _
(Station ML : 1.1 1
CSKK 0.44 16.2 Lg 18:52:51.534 -0.2 T__ ___ 14686065 FDSN HU -- BUD iLoc SHE ??? _
MORH 0.82 151.4 Pg 18:52:52.444 0.3 T__ 1.0 0.0 ___ MLv 1.3 14686066 FDSN HU -- BUD iLoc BHZ BHZ _
MORH 0.82 151.4 Lg 18:53:03.327 -0.7 T__ ___ 14686067 FDSN HU -- BUD iLoc BHZ ??? _
(Station ML : 1.3 1
KOVH 0.85 179.0 Pg 18:52:53.253 0.4 T__ 2.2 0.0 ___ MLv 1.6 14686068 FDSN HU -- BUD iLoc BHZ BHZ _
KOVH 0.85 179.0 Lg 18:53:04.722 -0.3 T__ ___ 14686069 FDSN HU -- BUD iLoc BHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2015/10/24 23:48:48.21 0.16 0.38 46.1276 22.5416 1.5 1.1 112 4.5F 2.3 18 86 0.62 1.88 a ke BUC 14559958 ISC 360
2015/10/24 23:48:47.40 0.94 0.79 46.1540 22.5407 4.0 3.1 101 2.5F 9.9 32 10 89 0.62 1.90 m ke BUD 14686087 iLoc 140

```

```

Magnitude Err Nsta Author OrigID
ml 1.6 BUC 14559958
ML 1.5 0.1 4 BUD 14686087

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
SIRR 0.62 280.7 Pg 23:49:00.532 0.4 T__ 2.5 0.0 ___ MLv 1.4 14686089 FDSN RO -- BUD iLoc BHZ BHZ _
SIRR 0.62 280.7 Lg 23:49:09.207 -0.4 T__ ___ 14686090 FDSN RO -- BUD iLoc BHN ??? _
SIRR 0.62 280.8 Sg 23:49:08.215 -1.5 T__ ___ 14686091 FDSN IR -- ISC iLoc ??? ??? _
(Station ML : 1.4 1
DRGR 0.65 10.4 Pg 23:49:01.365 0.9 T__ ___ 14686092 FDSN IR -- ISC iLoc ??? ??? _
DRGR 0.65 10.4 Lg 23:49:10.707 -0.3 T__ ___ 14686094 FDSN IR -- ISC iLoc ??? ??? _
DRGR 0.65 10.4 Pb 23:49:01.170 0.7 T__ 1.5 0.0 ___ MLv 1.4 14686095 FDSN RO -- BUD iLoc BHZ BHZ _
DRGR 0.65 10.4 Sg 23:49:09.821 -1.2 T__ ___ 14686096 FDSN RO -- BUD iLoc BHE ??? _
(Station ML : 1.4 1

```

GZR	0.78	167.7	Pg	23:49:03.031	0.6	T__	1.6	0.0	---	MLv	1.5	14686097	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	0.78	167.7	Lg	23:49:13.221	-0.4	T__			---			14686098	FDSN	RO	--	BUD	iLoc	BHE	???	_
GZR	0.78	167.7	Sg	23:49:13.421	-0.2	T__			---			14686099	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.5 1																				
BZS	0.83	229.9	Pn	23:49:04.830	0.2	T__	1.3	0.0	---	MLv	1.5	14686100	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.83	229.9	Lg	23:49:14.964	-0.5	T__			---			14686101	FDSN	RO	--	BUD	iLoc	BHN	???	_
BZS	0.84	230.5	Pg	23:49:03.921	0.1	T__			---			14686102	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.5 1																				
CJR	0.92	52.2	Pn	23:49:06.900	0.2	T__			---			14686104	FDSN	IR	--	ISC	iLoc	???	???	_
CJR	0.92	52.2	Lg	23:49:19.374	-0.4	T__			---			14686106	FDSN	IR	--	ISC	iLoc	???	???	_
MESR	1.04	15.6	Pn	23:49:08.827	0.7	T__			---			14686107	FDSN	IR	--	ISC	iLoc	???	???	_
MESR	1.04	15.6	Pn	23:49:08.827	0.7	T__		0.1	---			14686108	FDSN	IR	--	ISC	iLoc	???	???	_
MESR	1.04	15.6	Sn	23:49:22.914	-1.5	T__		0.1	---			14686109	FDSN	IR	--	ISC	iLoc	???	???	_
LOT	1.11	129.0	Lg	23:49:23.887	-1.0	T__			---			14686110	FDSN	IR	--	ISC	iLoc	???	???	_
LOT	1.11	129.0	Sg	23:49:23.589	-1.4	T__			---			14686112	FDSN	RO	--	BUD	iLoc	BHN	???	_
HERR	1.28	184.0	Pg	23:49:12.474	0.7	T__			---			14686113	FDSN	IR	--	ISC	iLoc	???	???	_
HERR	1.28	184.0	Sn	23:49:29.538	-0.3	T__			---			14686115	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.49	203.3	Pn	23:49:15.153	0.8	T__			---			14686116	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.49	203.3	Sn	23:49:36.317	0.7	T__			---			14686118	FDSN	IR	--	ISC	iLoc	???	???	_
VOIR	1.90	111.3	Sn	23:49:46.170	-0.4	T__			---			14686119	FDSN	IR	--	ISC	iLoc	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/25	06:46:02.60	1.29	0.68	47.3652	17.5682	9.6	5.3	40	7.8F	9.8	9	6	154	0.17	1.33	m	ke	BUD	14686140	iLoc		219

Magnitude	Err	Nsta	Author	OrigID
-----------	-----	------	--------	--------

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
EGYH	0.17	287.7	Pg	06:46:06.096	-0.4					T__	1.5	0.1		---	MLv	0.8	14686142	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	0.17	287.7	Lg	06:46:10.170	0.8					T__				---		14686143	FDSN	HU	--	BUD	iLoc	SHN	???	_	
MPLH	0.20	185.7	Pg	06:46:07.397	0.4					T__	5.1	0.1		---	MLv	0.9	14686144	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.20	185.7	Lg	06:46:10.002	-0.3					T__				---		14686145	FDSN	HU	--	BUD	iLoc	BHN	???	_	
CSKK	0.47	90.0	Pg	06:46:12.400	0.2					T__				---		14686146	FDSN	HU	--	BUD	iLoc	SHZ	???	_	
TIH	0.51	154.8	Lg	06:46:19.811	-1.0					T__				---		14686147	FDSN	HU	--	BUD	iLoc	SHN	???	_	
SOP	0.75	295.3	Pn	06:46:18.487	0.0					T__				---		14686148	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
SOP	0.75	295.3	Sn	06:46:30.622	-0.2					T__				---		14686149	FDSN	HU	--	BUD	iLoc	BHN	???	_	
KOVH	1.33	163.8	Lg	06:46:47.804	0.4					T__				---		14686150	FDSN	HU	--	BUD	iLoc	BHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/26	11:49:04.00	0.17	0.17	47.7604	16.2160	1.8	0.6	113	7.3F	0.8	17		213	0.29	1.57	a	ke	IPEC	14560011	ISC		360
2015/10/26	11:49:04.50	0.00		47.8300	16.0900				0.0A		22					a	ke	PRU	14560014	ISC		360
2015/10/26	11:49:04.52	0.15	1.46	47.7723	16.1581	1.3	0.9	142	9.1F	1.2	62		2	0.25	4.27	a	ke	VIE	14560016	ISC		360
2015/10/26	11:49:04.37	1.06	1.42	47.7863	16.1667	3.2	2.8	133	10.4F	6.3	59	29	54	0.25	4.29	m	ke	BUD	14686153	iLoc		68

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		IPEC	14560011
mb	2.1		VIE	14560016
ml	2.4		VIE	14560016
ML	2.4	0.0	5 BUD	14686153

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.25	304.8	Pg	11:49:09.808	-0.1					T__	221.1	42.4	0.18	---		14686155	FDSN	IR	--	ISC	iLoc	???	???	_	
CONA	0.25	304.8	Lg	11:49:13.839	-0.3					T__		99.2	0.26	---		14686156	FDSN	IR	--	ISC	iLoc	???	???	_	
SOP	0.28	111.1	Pg	11:49:10.349	-0.1					T__	6.2	0.5		---	MLv	1.8	14686157	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.28	111.1	Lg	11:49:14.196	-0.7					T__				---		14686158	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 0																									
ARSA	0.69	219.4	Pg	11:49:17.405	-0.5					T__	4.3	0.3		---	MLv	2.4	14686159	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	0.69	219.4	Lg	11:49:26.204	-1.5					T__				---		14686160	FDSN	OE	--	BUD	iLoc	BHZ	???	_	
(Station ML : 2.4 1																									
ZST	0.75	56.5	Pg	11:49:18.912	-0.5					T__	1.7	2.3		---	MLv	3.3	14686161	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.75	56.5	Lg	11:49:30.525	0.7					T__				---		14686162	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Station ML : 3.3 0																									
EGYH	0.87	114.7	Pg	11:49:18.035	-3.7					T__				---		14686163	FDSN	HU	--	BUD	iLoc	SHZ	???	_	
MPLH	1.12	123.0	Pn	11:49:25.706	0.7					T__	2.1	0.2		---	MLv	2.4	14686164	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	1.12	123.0	Sn	11:49:41.351	0.2					T__				---		14686165	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.4 1																									
MOA	1.28	273.5	Pg	11:49:28.602	-0.6					T__				---		14686166	FDSN	IR	--	ISC	iLoc	???	???	_	
MOA	1.28	273.5	Lg	11:49:46.627	-0.1					T__		9.1	0.23	---		14686167	FDSN	IR	--	ISC	iLoc	???	???	_	
KRUC	1.29	6.7	Pn	11:49:28.200	0.9					T__				---		14686168	FDSN	IR	--	ISC	iLoc	???	???	_	
KRUC	1.29	6.7	Sn	11:49:45.200	0.2					T__		35.5	0.37	---		14686170	FDSN	IR	--	ISC	iLoc	???	???	_	
KRUC	1.29	6.7	Sn	11:49:45.300	0.2					T__				---		14686171	FDSN	IR	--	ISC	iLoc	???	???	_	
KRUC	1.29	6.7	Pg	11:49:28.528	-0.3					T__				---		14686172	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
KRUC	1.29	6.7	Sg	11:49:45.878	0.0					T__				---		14686173	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
KOGS	1.34	177.5	Pg	11:49:32.637	2.0					T__				---		14686174	FDSN	SL	--	BUD	iLoc	BHN	???	_	
SOKA	1.35	215.3	Pn	11:49:29.324	1.0					T__	10.1	3.2	0.16	---		14686175	FDSN	IR	--	ISC	iLoc	???	???	_	
SOKA	1.35	215.3	Sn	11:49:46.691	-0.3					T__		2.7	0.24	---		14686176	FDSN	IR	--	ISC	iLoc	???	???	_	
BEHE	1.38	162.3	Sn	11:49:48.704	0.5					T__				---		14686177	FDSN	HU	--	BUD	iLoc	BHE	???	_	
JAVC	1.47	42.5	Pn	11:49:31.900	1.7					T__				---		14686178	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.55	10.4	Pn	11:49:32.500	1.5					T__				---		14686179	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.55	10.4	Pn	11:49:32.600	1.5					T__				---		14686180	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.55	10.4	Sn	11:49:52.900	1.5					T__		26.2	0.37	---		14686181	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.55	10.4	Sn	11:49:53.000	1.5					T__				---		14686182	FDSN	IR	--	ISC	iLoc	???	???	_	
CKRC	1.61	310.5	Pg	11:49:34.400	-0.4					T__				---		14686183	FDSN	IR	--	ISC	iLoc	???	???	_	
CKRC	1.61	310.5	Sn	11:49:55.100	1.6					T__		34.3	0.50	---		14686184	FDSN	IR	--	ISC	iLoc	???	???	_	
OBKA	1.69	221.4	Pg	11:49:34.847	-1.6					T__		1.3	0.28	---		14686185	FDSN	IR	--	ISC	iLoc	???	???	_	
OBKA	1.69	221.4	Sn	11:49:56.714	1.2					T__		3.6	0.30	---		14686186	FDSN	IR	--	ISC	iLoc	???	???	_	
KBA	2.04	250.8	Pn	11:49:39.449	1.1					T__		0.1	0.05	---		14686187	FDSN	IR	--	ISC	iLoc	???	???	_	
KBA	2.04	250.8	Sn	11:50:05.096	0.4					T__		4.7	0.32	---		14686188	FDSN	IR	--	ISC	iLoc	???	???	_	
MYKA	2.07	237.0	Pn	11:49:39.747	1.3					T__		0.3	0.10	---		14686189	FDSN	IR	--	ISC	iLoc	???	???	_	
MYKA	2.07	237.0	Lg	11:50:11.914	0.5					T__		1.2	0.22	---		14686190	FDSN	IR	--	ISC	iLoc	???	???	_	
KOVH	2.15	141.3	Pn	11:49:40.648	1.0					T__	2.6	0.1		---	MLv	2.8	14686191	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.8 1																									
KHC	2.19	309.0	Pg	11:49:43.900	-1.8					T__				---		14686192	FDSN	IR	--	ISC	iLoc	???	???	_	
KHC	2.19	309.0	Sn	11:50:10.800	3.3					T__		20.0	0.40	---		14686193	FDSN	IR	--	ISC	iLoc	???	???	_	
MORC	2.19	24.0	Pn	11:49:41.200	1.1					T__				---		14686194	FDSN	IR	--	ISC	iLoc	???	???	_	
MORC	2.19	24.0	Lg	11:50:13.200	-0.9					T__				---		14686195	FDSN	IR	--	ISC	iLoc	???	???	_	
PRU	2.45	334.7	Pg	11:49:47.800	-2.8					T__				---		14686196	FDSN	IR	--	ISC	iLoc	???	???	_	
PRU	2.45	334.7	Lg	11:50:20.100	-1.8					T__		13.4	0.50	---		14686197	FDSN	IR	--	ISC	iLoc	???	???	_	
DPC	2.57	2.2	Pg	11:49:51.500	0.2					T__				---		14686198	FDSN	IR	--	ISC	iLoc	???	???	_	
DPC	2.57	2.2	Lg	11:50:23.700	-0.7					T__		8.8	0.40	---		14686199	FDSN	IR	--	ISC	iLoc	???	???	_	
ABTA	2.70	248.7	Pg	11:49:55.595	0.0					T__		0.1	0.08	---		14686200	FDSN	IR	--	ISC	iLoc	???	???	_	
ABTA	2.70	248.7	Sn	11:50:18.753	-1.4					T__		1.0	0.22	---		14686201	FDSN	IR	--	ISC	iLoc	???	???	_	

WTTA	3.11	262.0	Pn	11:49:51.898	-1.5	T__	0.4	0.12	---	14686202	FDSN	IR	--	ISC	iLoc	???	???	-
WTTA	3.11	262.0	Sn	11:50:29.302	-1.6	T__	4.9	0.42	---	14686203	FDSN	IR	--	ISC	iLoc	???	???	-
SQTA	3.41	262.3	Pn	11:49:58.141	0.8	T__	0.2	0.10	---	14686204	FDSN	IR	--	ISC	iLoc	???	???	-
SQTA	3.41	262.3	Sn	11:50:39.883	2.1	T__	0.7	0.14	---	14686205	FDSN	IR	--	ISC	iLoc	???	???	-
MOTA	3.46	264.5	Pn	11:49:59.480	1.4	T__	0.3	0.12	---	14686206	FDSN	IR	--	ISC	iLoc	???	???	-
MOTA	3.46	264.5	Lg	11:50:57.963	1.8	T__	4.4	0.34	---	14686207	FDSN	IR	--	ISC	iLoc	???	???	-
NKC	3.46	316.4	Pg	11:50:06.900	-3.2	T__			---	14686208	FDSN	IR	--	ISC	iLoc	???	???	-
NKC	3.46	316.4	Lg	11:50:53.400	-1.4	T__	17.2	0.40	---	14686209	FDSN	IR	--	ISC	iLoc	???	???	-
RETA	3.67	267.3	Pn	11:50:01.979	1.2	T__	0.2	0.10	---	14686210	FDSN	IR	--	ISC	iLoc	???	???	-
RETA	3.67	267.3	Sn	11:50:43.425	-0.2	T__	0.8	0.30	---	14686211	FDSN	IR	--	ISC	iLoc	???	???	-
DAVA	4.29	265.6	Pn	11:50:09.000	-0.7	T__	0.4	0.15	---	14686212	FDSN	IR	--	ISC	iLoc	???	???	-
DAVA	4.29	265.6	Lg	11:51:21.263	-1.6	T__	1.1	0.20	---	14686213	FDSN	IR	--	ISC	iLoc	???	???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/28	04:37:15.09	3.22	0.02	46.3195	17.9654	22.7	10.9	132	0.0A		4	2	304	0.25	0.48	m	ke BUD	14686293	iLoc			360

Magnitude	Err	Nsta	Author	OrigID
-----------	-----	------	--------	--------

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.25	158.0	Pg	04:37:20.656	-0.0					T__	3.2	0.1		---	MLv	0.8	14686295	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	-
KOVH	0.25	158.0	Lg	04:37:25.050	0.0					T__				---			14686296	FDSN	HU	--	BUD	iLoc	BHE	???	-
MORH	0.48	102.2	Pg	04:37:25.153	0.0					T__	2.1	0.0		---	MLv	1.3	14686297	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	-
MORH	0.48	102.2	Lg	04:37:32.847	-0.0					T__				---			14686298	FDSN	HU	--	BUD	iLoc	BHZ	???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/28	10:44:28.80	0.80		46.0190	18.8990	0.1	0.0		12.0F	3.9	13			1.07	2.49	a	ke BEO	14560140	ISC			360
2015/10/28	10:44:30.60	0.33		45.9060	18.8160	0.0	0.0		4.0A		16			0.33	2.08	a	ke RHSSO	14560143	ISC			360
2015/10/28	10:44:28.85	1.04	1.63	45.9004	18.8947	5.9	3.1	35	1.8F	10.1	35	12	126	0.36	2.39	m	ke BUD	14686467	iLoc			167

Magnitude	Err	Nsta	Author	OrigID
-----------	-----	------	--------	--------

ML	1.9		BEO	14560140
ML	2.1		RHSSO	14560143
ML	2.0	0.1	4 BUD	14686467

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MORH	0.36	331.0	Pg	10:44:36.700	0.5					T__						14686469	FDSN	IR	--	ISC	iLoc	???	???	-	
MORH	0.36	331.0	Lg	10:44:41.400	-0.4					T__						14686470	FDSN	IR	--	ISC	iLoc	???	???	-	
MORH	0.36	331.2	Pb	10:44:36.493	0.3					T__	18.6	0.3			MLv	1.8	14686471	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	-
MORH	0.36	331.2	Sg	10:44:41.594	-0.2					T__						14686472	FDSN	HU	--	BUD	iLoc	BHE	???	-	
(Station ML : 1.8 1																									
KOVH	0.59	289.0	Pg	10:44:40.744	-0.0					T__	8.0	0.2			MLv	2.0	14686473	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	-
KOVH	0.59	289.0	Lg	10:44:48.554	-1.2					T__						14686474	FDSN	HU	--	BUD	iLoc	BHN	???	-	
(Station ML : 2.0 1																									
FRGS	0.98	138.8	Pg	10:44:48.900	1.3					T__						14686475	FDSN	IR	--	ISC	iLoc	???	???	-	
FRGS	0.98	138.8	Sn	10:45:02.300	-1.4					T__						14686476	FDSN	IR	--	ISC	iLoc	???	???	-	
FRGS	0.98	138.8	Lg	10:45:03.200	1.0					T__						14686477	FDSN	IR	--	ISC	iLoc	???	???	-	
FRGS	1.01	138.8	Pn	10:44:48.695	-0.2					T__	5.3	0.2			MLv	2.2	14686478	FDSN	SJ	--	BUD	iLoc	HHZ	HHZ	-
FRGS	1.01	138.8	Sg	10:45:02.991	-0.4					T__						14686479	FDSN	SJ	--	BUD	iLoc	HHE	???	-	

```

(Station ML : 2.2 1
MPLH 1.58 324.1 Sn 10:44:57.706 -20.7 --- 2.2 0.0 --- MLv 2.1 14686480 FDSN HU -- BUD iLoc BHZ BHZ _
(Station ML : 2.1 1
BEHE 1.58 291.9 Lg 10:45:23.292 1.0 T__ --- 14686481 FDSN HU -- BUD iLoc BHE ??? _
BEHE 1.58 291.9 Pg 10:44:58.400 -1.7 T__ --- 14686482 FDSN IR -- ISC iLoc ??? ??? _
BEHE 1.58 291.9 Sg 10:45:19.100 -3.2 T__ --- 14686483 FDSN IR -- ISC iLoc ??? ??? _
MRAK 1.66 238.4 Pn 10:44:59.500 1.1 T__ --- 14686484 FDSN IR -- ISC iLoc ??? ??? _
MRAK 1.66 238.4 Sn 10:45:20.900 -0.2 T__ --- 14686485 FDSN IR -- ISC iLoc ??? ??? _
BLY 1.67 227.0 Pn 10:44:59.800 1.6 T__ --- 14686486 FDSN IR -- ISC iLoc ??? ??? _
BLY 1.67 227.0 Pg 10:45:00.200 -1.1 T__ --- 14686487 FDSN IR -- ISC iLoc ??? ??? _
BLY 1.67 227.0 Sn 10:45:21.700 1.1 T__ --- 14686488 FDSN IR -- ISC iLoc ??? ??? _
BLY 1.67 227.0 Lg 10:45:23.600 -0.3 T__ --- 14686489 FDSN IR -- ISC iLoc ??? ??? _
HAPS 1.81 178.7 Pn 10:45:03.000 2.6 T__ --- 14686490 FDSN IR -- ISC iLoc ??? ??? _
HAPS 1.81 178.7 Sn 10:45:26.600 2.3 T__ --- 14686491 FDSN IR -- ISC iLoc ??? ??? _
BZS 1.93 97.5 Pn 10:45:02.200 0.8 T__ --- 14686492 FDSN IR -- ISC iLoc ??? ??? _
BZS 1.93 97.5 Lg 10:45:30.000 -3.1 T__ --- 14686493 FDSN IR -- ISC iLoc ??? ??? _
DIVS 1.96 156.3 Pn 10:45:02.500 0.2 T__ --- 14686494 FDSN IR -- ISC iLoc ??? ??? _
DIVS 1.96 156.3 Pg 10:45:05.200 -1.0 T__ --- 14686495 FDSN IR -- ISC iLoc ??? ??? _
DIVS 1.96 156.3 Sn 10:45:29.600 2.0 T__ --- 14686496 FDSN IR -- ISC iLoc ??? ??? _
DIVS 1.96 156.3 Lg 10:45:30.000 -3.4 T__ --- 14686497 FDSN IR -- ISC iLoc ??? ??? _
TRUS 1.99 146.9 Pn 10:45:03.800 1.4 T__ --- 14686498 FDSN IR -- ISC iLoc ??? ??? _
TRUS 1.99 146.9 Sn 10:45:29.700 1.9 T__ --- 14686499 FDSN IR -- ISC iLoc ??? ??? _
BBLs 2.07 169.7 Pn 10:45:05.100 1.4 T__ --- 14686500 FDSN IR -- ISC iLoc ??? ??? _
BBLs 2.07 169.7 Pg 10:45:06.300 -1.9 T__ --- 14686501 FDSN IR -- ISC iLoc ??? ??? _
BBLs 2.07 169.7 Sn 10:45:31.500 1.6 T__ --- 14686502 FDSN IR -- ISC iLoc ??? ??? _
BBLs 2.07 169.7 Sn 10:45:31.600 1.6 T__ --- 14686503 FDSN IR -- ISC iLoc ??? ??? _
GRUS 2.39 146.6 Pg 10:45:13.500 -0.3 T__ --- 14686504 FDSN IR -- ISC iLoc ??? ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2015/10/29 09:41:57.84 3.87 0.75 48.6467 20.6711 105.0 5.8 140 13.1F 15.4 6 3 206 0.20 0.89 m ke BUD 14686391 iLoc 358

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.9 3 BUD 14686391

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KECS 0.20 217.0 Pg 09:42:02.344 -0.3 T__ 17.0 1.9 --- MLv 2.1 14686393 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.20 217.0 Lg 09:42:06.684 0.4 T__ --- 14686394 FDSN SK -- BUD iLoc EHE ??? _
(Station ML : 2.1 1
CRVS 0.58 63.6 Pg 09:42:09.515 0.5 T__ 1.6 0.0 --- MLv 0.9 14686395 FDSN SK -- BUD iLoc HHZ HHZ _
CRVS 0.58 63.6 Lg 09:42:17.799 -0.7 T__ --- 14686396 FDSN SK -- BUD iLoc HHE ??? _
(Station ML : 0.9 1
PSZ 0.89 215.7 Pn 09:42:15.326 -0.1 T__ 1.4 0.0 --- MLv 1.6 14686397 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.89 215.7 Lg 09:42:29.802 0.2 T__ --- 14686398 FDSN GE -- BUD iLoc BHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2015/10/30 12:11:09.67 2.28 0.33 48.0812 21.2429 19.8 8.7 148 10.0A 6 4 221 0.65 1.09 m ke BUD 14686780 iLoc 270

```

```

Magnitude Err Nsta Author OrigID

```

ML 1.7 1.0 3 BUD 14686780

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.65	308.8	Pg	12:11:22.640	0.1					T__	3.6	0.4		---	MLv	2.5	14686782	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.65	308.8	Lg	12:11:32.351	0.1					T__				---		14686783	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
(Station ML : 2.5 1																									
CRVS	0.83	9.9	Pn	12:11:26.804	0.0					T__	1.3	0.0		---	MLv	1.0	14686784	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.0 1																									
PSZ	0.92	260.3	Pn	12:11:28.143	0.2					T__	1.8	0.1		---	MLv	1.7	14686785	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.92	260.3	Sn	12:11:41.801	-0.5					T__				---		14686786	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.7 1																									
KOLS	1.09	38.4	Sn	12:11:47.000	-0.2					T__				---		14686787	FDSN	SK	--	BUD	iLoc	HHZ	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/10/31	04:30:21.68	0.26	0.45	45.9276	21.6608	2.4	1.4	96	2.0A		13	146		0.31	1.55	a	ke BUC	14560639	ISC			360
2015/10/31	04:30:20.94	1.20	1.26	45.9447	21.6104	6.0	3.4	96	1.7F	8.3	28	8	92	0.32	1.59	m	ke BUD	14686866	iLoc			155

Magnitude	Err	Nsta	Author	OrigID
ml	1.7		BUC	14560639
ML	1.6	0.1	4 BUD	14686866

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
SIRR	0.32	6.5	Pg	04:30:28.215	0.4					T__	10.5	0.2		---	MLv	1.5	14686868	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.32	6.5	Lg	04:30:32.927	-0.0					T__				---		14686869	FDSN	RO	--	BUD	iLoc	BHE	???	_	
SIRR	0.32	6.0	Lg	04:30:33.071	0.1					T__				---		14686870	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.5 1																									
BZS	0.33	176.3	Pg	04:30:27.075	-0.4					T__	1.5	0.0		---	MLv	0.8	14686871	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.33	176.3	Lg	04:30:31.982	-0.4					T__				---		14686872	FDSN	RO	--	BUD	iLoc	BHZ	???	_	
BZS	0.33	179.2	Pg	04:30:27.296	-0.2					T__				---		14686873	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	0.33	179.2	Lg	04:30:31.372	-1.1					T__				---		14686875	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 0.8 1																									
BANR	0.65	210.8	Lg	04:30:43.668	0.5					T__				---		14686876	FDSN	IR	--	ISC	iLoc	???	???	_	
BANR	0.65	210.8	Lg	04:30:43.668	0.5					T__		0.1		---		14686877	FDSN	IR	--	ISC	iLoc	???	???	_	
AMBH	0.74	303.7	Lg	04:30:46.066	-1.8					T__				---		14686878	FDSN	HU	--	BUD	iLoc	SHN	???	_	
GZR	0.99	123.6	Pn	04:30:40.713	0.1					T__				---		14686879	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	0.99	123.6	Pg	04:30:41.628	1.7					T__	1.5	0.0		---	MLv	1.6	14686881	FDSN	RO	--	BUD	iLoc	BHE	BHZ	_
GZR	0.99	123.6	Lg	04:30:52.849	-1.1					T__				---		14686882	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	0.99	123.6	Sg	04:30:53.205	-0.8					T__				---		14686883	FDSN	RO	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.6 1																									
DRGR	1.14	41.6	Pn	04:30:43.609	0.5					T__				---		14686884	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	1.14	41.6	Sn	04:30:58.261	-2.3					T__				---		14686886	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	1.14	41.6	Pg	04:30:44.938	1.4					T__	1.3	0.0		---	MLv	1.7	14686887	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	1.14	41.6	Lg	04:30:58.142	-3.6					T__				---		14686888	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.7 1																									
HERR	1.21	151.6	Pg	04:30:44.241	0.3					T__				---		14686889	FDSN	IR	--	ISC	iLoc	???	???	_	
HERR	1.21	151.6	S	04:31:00.342	0.5					T__				---		14686891	FDSN	IR	--	ISC	iLoc	???	???	_	
LOT	1.59	107.4	Pn	04:30:50.900	1.5					T__				---		14686892	FDSN	IR	--	ISC	iLoc	???	???	_	
LOT	1.59	107.4	S	04:31:12.772	1.0					T__				---		14686894	FDSN	IR	--	ISC	iLoc	???	???	_	
LOT	1.59	107.5	S	04:31:12.575	0.8					T__				---		14686895	FDSN	RO	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2015/11/03	11:48:15.50		0.89	47.3600	18.4000				8.0A				33	1.80	3.44	a	ke CSEM	14564436	ISC			360			
2015/11/03	11:48:15.20	0.15	0.23	47.3605	18.3185	1.5	1.0	12	16.6F	1.3	15		192	0.49	2.47	a	ke IPEC	14564433	ISC			360			
2015/11/03	11:48:11.30	0.00		47.2400	18.5800				15.0A		14					a	ke PRU	14564439	ISC			360			
2015/11/03	11:48:15.04	0.87	1.40	47.3716	18.3777	3.5	3.2	168	12.1F	6.7	53	31	44	0.08	4.41	m	ke BUD	14689031	iLoc			78			
Magnitude	Err	Nsta	Author	OrigID																					
mb	3.0		CSEM	14564436																					
ML	2.0		IPEC	14564433																					
ML	2.7	0.2	14 BUD	14689031																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.08	263.9	Pg	11:48:18.441	0.5					T__	264.7	18.7		___	MLv	2.8	14689033	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.08	263.9	Lg	11:48:20.188	-0.1					T__				---			14689034	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 2.8 1																									
SR0	0.44	354.4	Lg	11:48:31.534	0.7					T__				---			14689035	FDSN	SK	--	BUD	iLoc	EHN	???	_
BUD	0.45	75.4	Pg	11:48:24.383	-0.3					T__	20.4	1.3		---	MLv	2.7	14689036	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BUD	0.45	75.4	Lg	11:48:31.043	-0.6					T__				---			14689037	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 2.7 1																									
TIH	0.58	215.5	Pn	11:48:27.153	-0.7					T__	14.5	2.4		___	MLv	3.2	14689038	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 3.2 0																									
MPLH	0.61	250.9	Pn	11:48:28.234	0.0					T__	43.7	1.0		___	MLv	2.8	14689039	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.61	250.9	Sn	11:48:38.296	-0.5					T__				---			14689040	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 2.8 1																									
EGYH	0.71	274.0	Pg	11:48:28.399	-1.0					T__	12.8	1.3		___	MLv	3.0	14689041	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	0.71	274.0	Lg	11:48:37.412	-2.0					T__				---			14689042	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 3.0 1																									
PSZ	1.16	61.4	Pn	11:48:37.402	1.1					T__	8.4	0.4		___	MLv	2.7	14689043	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.16	61.4	Sn	11:48:53.749	1.0					T__				---			14689044	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML : 2.7 1																									
VYHS	1.16	15.2	Pg	11:48:37.679	-0.5					T__	12.7	0.1		___	MLv	2.2	14689045	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.16	15.2	Sn	11:48:53.134	0.8					T__				---			14689046	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 2.2 0																									
MORH	1.17	170.9	Pg	11:48:37.345	-0.7					T__	29.9	0.5		___	MLv	2.9	14689047	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.17	170.9	Sn	11:48:51.865	-0.6					T__				---			14689048	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 2.9 1																									
ZST	1.19	314.3	Pg	11:48:37.933	-0.6					T__	3.7	2.0		___	MLv	3.5	14689049	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	1.19	314.3	Lg	11:48:53.298	-1.1					T__				---			14689050	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 3.5 0																									
BSZH	1.29	92.5	Lg	11:48:59.574	-0.6					T__				---			14689051	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOVH	1.30	188.6	Pg	11:48:39.118	-1.7					T__	4.1	0.1		___	MLv	2.3	14689052	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.3 0																									
JAVC	1.56	342.6	Pn	11:48:43.645	1.8					T__				---			14689053	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
JAVC	1.56	342.6	Pg	11:48:43.500	-2.1					T__				---			14689054	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	1.56	342.6	Lg	11:49:04.600	-2.1					T__		19.1	0.51	---			14689055	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	1.56	342.6	Sg	11:49:04.700	-2.0					T__				---			14689056	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	1.79	289.1	Pn	11:48:46.425	1.5					T__	2.4	0.1		___	MLv	2.4	14689057	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	1.79	289.1	Pg	11:48:50.126	0.1					T__				---			14689058	FDSN	OE	--	BUD	iLoc	BHZ	???	_
CONA	1.79	289.1	Sn	11:49:09.353	1.4					T__		6.3	0.38	---			14689059	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	1.79	289.1	Lg	11:49:15.080	1.5					T__		8.8	0.36	---			14689060	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.4 1																									
LANS	1.92	21.8	Pg	11:48:51.875	-0.7					T__	8.6	0.1		___	MLv	2.6	14689061	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
LANS	0.38	0.7	Pg	13:02:30.472	-0.4					T__	999.9	22.0		---	MLv	3.7	14689421	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML		:	3.7	1																					

VYHS	0.50	236.0	Pg	13:02:33.527	0.0	T__	117.7	1.5	___	MLv	2.9	14689422	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML	:	2.9	0																	
KECS	0.74	112.9	Pg	13:02:37.293	-0.7	T__	561.9	69.6	___	MLv	4.8	14689423	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML	:	4.8	0																	
NIE	0.85	40.3	Pg	13:02:39.480	0.2	T__			---			14689424	FDSN	IR	--	ISC	iLoc	???	???	_
NIE	0.85	40.3	Pg	13:02:39.500	0.2	T__			---			14689425	FDSN	IR	--	ISC	iLoc	???	???	_
NIE	0.85	40.3	Lg	13:02:50.900	-0.7	T__			---			14689426	FDSN	IR	--	ISC	iLoc	???	???	_
NIE	0.85	40.7	Pn	13:02:39.371	-1.5	T__	47.1	0.9	---	MLv	2.9	14689427	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML	:	2.9	0																	
PSZ	0.91	161.2	Pn	13:02:40.997	-0.5	T__	91.6	3.1	---	MLv	3.5	14689428	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.91	161.2	Lg	13:02:53.801	-1.5	T__			---			14689429	FDSN	GE	--	BUD	iLoc	BHE	???	_
PSZ	0.91	161.2	Pg	13:02:41.120	-1.1	T__			---			14689430	FDSN	IR	--	ISC	iLoc	???	???	_
PSZ	0.91	161.2	Pb	13:02:41.500	-0.7	T__			---			14689431	FDSN	IR	--	ISC	iLoc	???	???	_
PSZ	0.91	161.2	Sg	13:02:53.683	-1.6	T__			---			14689432	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML	:	3.5	1																	
JAVC	1.19	274.7	Pn	13:02:46.000	0.5	T__			---			14689433	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	1.19	274.7	Pn	13:02:46.100	0.5	T__			---			14689434	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	1.19	274.7	Pb	13:02:46.500	-0.3	T__			---			14689435	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	1.19	274.7	Sn	13:03:01.000	-1.7	T__		317.6	0.77	---		14689436	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	1.19	274.7	Sn	13:03:01.100	-1.7	T__			---			14689437	FDSN	IR	--	ISC	iLoc	???	???	_
SRO	1.23	218.9	Pg	13:02:47.998	0.3	T__	8.3	8.7	---	MLv	4.1	14689438	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML	:	4.1	0																	
BUD	1.33	192.9	Pg	13:02:49.200	-0.8	T__			---			14689439	FDSN	IR	--	ISC	iLoc	???	???	_
BUD	1.33	192.9	Pb	13:02:49.362	-0.6	T__	16.7	1.0	---	MLv	3.2	14689440	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BUD	1.33	192.9	Lg	13:03:08.621	0.1	T__			---			14689441	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML	:	3.2	1																	
CRVS	1.33	83.8	Pg	13:02:48.028	0.0	T__	47.9	0.6	---	MLv	3.0	14689442	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML	:	3.0	0																	
STHS	1.34	60.6	Pg	13:02:47.729	-0.1	T__	81.0	5.1	---	MLv	4.0	14689443	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML	:	4.0	1																	
OKC	1.37	321.5	Pg	13:02:48.900	-0.0	T__			---			14689444	FDSN	IR	--	ISC	iLoc	???	???	_
OKC	1.37	321.5	Sn	13:03:07.300	0.1	T__		373.2	1.00	---		14689445	FDSN	IR	--	ISC	iLoc	???	???	_
OJC	1.46	8.5	Pn	13:02:50.057	0.4	T__	30.4	1.1	---	MLv	3.4	14689446	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
OJC	1.46	8.5	Sn	13:03:10.530	-0.2	T__			---			14689447	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML	:	3.4	1																	
RAC	1.55	328.2	Pg	13:02:53.100	0.9	T__			---			14689448	FDSN	IR	--	ISC	iLoc	???	???	_
RAC	1.55	328.2	Lg	13:03:13.200	-0.3	T__			---			14689449	FDSN	IR	--	ISC	iLoc	???	???	_
BSZH	1.57	159.6	Pg	13:02:54.200	-1.1	T__			---			14689450	FDSN	IR	--	ISC	iLoc	???	???	_
BSZH	1.57	159.6	Pb	13:02:54.455	-0.9	T__	5.4	0.9	---	MLv	3.3	14689451	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Station ML	:	3.3	1																	
MORC	1.61	309.3	Pn	13:02:52.000	0.8	T__			---			14689452	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	1.61	309.3	Pg	13:02:52.662	-0.7	T__			---			14689454	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	1.61	309.3	Pb	13:02:52.900	-0.4	T__			---			14689455	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	1.61	309.3	Sn	13:03:14.000	0.7	T__		317.7	0.60	---		14689456	FDSN	IR	--	ISC	iLoc	???	???	_
MORC	1.61	309.3	Sn	13:03:14.100	0.7	T__			---			14689457	FDSN	IR	--	ISC	iLoc	???	???	_
LOSC	1.61	302.5	Pn	13:02:51.900	0.8	T__			---			14689458	FDSN	IR	--	ISC	iLoc	???	???	_
LOSC	1.61	302.5	Sn	13:03:13.800	0.8	T__		154.0	0.49	---		14689459	FDSN	IR	--	ISC	iLoc	???	???	_
CSKK	1.63	210.1	Pg	13:02:54.318	-0.9	T__	8.8	0.5	---	MLv	3.1	14689460	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	1.63	210.1	Sn	13:03:14.695	1.6	T__			---			14689461	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML	:	3.1	0																	
ZST	1.67	250.6	Pn	13:02:53.037	0.9	T__	18.0	9.0	---	MLv	4.4	14689462	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	1.67	250.6	Pg	13:02:53.200	-3.0	T__			---			14689463	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML	:	4.4	0																	

KOLS	1.86	84.1	Pg	13:02:57.400	-0.8	T__				14689464	FDSN	IR	--	ISC	iLoc	??? ???	_			
KOLS	1.86	84.1	Pb	13:02:59.780	1.6	T__	11.1	111.6	---	MLv	5.6	14689465	FDSN	SK	--	BUD	iLoc	HHZ HHZ	_	
KOLS	1.86	84.1	Pb			---		111.6	---	MLv	5.6	14689465	FDSN	SK	--	BUD	iLoc	HHZ HHZ	_	
(Station ML : 5.6 0																				
LIPC	1.91	305.0	Pn	13:02:56.300	1.1	T__			---			14689466	FDSN	IR	--	ISC	iLoc	??? ???	_	
VRAC	1.96	286.9	Pn	13:02:56.670	0.7	T__	33.7	10.1	0.33	---		14689467	FDSN	IR	--	ISC	iLoc	??? ???	_	
VRAC	1.96	286.9	Pn	13:02:56.744	0.7	T__				---		14689468	FDSN	IR	--	ISC	iLoc	??? ???	_	
VRAC	1.96	286.9	Pb	13:02:56.800	-3.5	T__				---		14689469	FDSN	IR	--	ISC	iLoc	??? ???	_	
VRAC	1.96	286.9	Pn	13:02:57.100	1.1	T__				---		14689470	FDSN	IR	--	ISC	iLoc	??? ???	_	
VRAC	1.96	286.9	Sn	13:03:20.470	-0.9	T__	4.4	13.8	0.33	---		14689472	FDSN	IR	--	ISC	iLoc	??? ???	_	
VRAC	1.96	286.9	Lg	13:03:22.500	-4.2	T__		138.3	1.01	---		14689473	FDSN	IR	--	ISC	iLoc	??? ???	_	
VRAC	1.96	286.9	Sg	13:03:28.670	2.0	T__	6.5	11.8	0.33	---		14689474	FDSN	IR	--	ISC	iLoc	??? ???	_	
EGYH	1.97	227.2	Pg	13:03:01.479	-0.5	T__	5.8	0.6		---	MLv	3.4	14689475	FDSN	HU	--	BUD	iLoc	SHZ SHZ	_
(Station ML : 3.4 1																				
KRUC	2.04	279.2	Pn	13:02:57.700	0.6	T__				---		14689476	FDSN	IR	--	ISC	iLoc	??? ???	_	
KRUC	2.04	279.2	Pn	13:02:57.800	0.6	T__				---		14689477	FDSN	IR	--	ISC	iLoc	??? ???	_	
KRUC	2.04	279.2	Pb	13:02:57.900	-4.2	T__				---		14689478	FDSN	IR	--	ISC	iLoc	??? ???	_	
KRUC	2.04	279.2	Sn	13:03:23.000	-0.3	T__		93.0	0.79	---		14689479	FDSN	IR	--	ISC	iLoc	??? ???	_	
MPLH	2.06	219.5	Pn	13:02:59.600	2.0	T__				---		14689480	FDSN	IR	--	ISC	iLoc	??? ???	_	
MPLH	2.06	219.5	Pg	13:03:00.638	-3.0	T__	17.0	0.4		---	MLv	3.3	14689481	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 3.3 1																				
TRPA	2.15	106.3	Pn	13:02:59.500	0.4	T__				---		14689482	FDSN	IR	--	ISC	iLoc	??? ???	_	
TRPA	2.15	106.3	Pn	13:02:59.587	0.4	T__				---		14689483	FDSN	IR	--	ISC	iLoc	??? ???	_	
TRPA	2.15	106.3	Pb	13:02:59.351	-4.8	T__	14.6	0.6		---	MLv	3.4	14689484	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 3.4 1																				
TIH	2.15	210.0	Pn	13:03:01.383	2.6	T__	9.3	1.3		---	MLv	3.8	14689485	FDSN	HU	--	BUD	iLoc	SHZ SHZ	_
(Station ML : 3.8 1																				
KRLC	2.18	307.7	Pg	13:03:01.600	-1.7	T__				---		14689486	FDSN	IR	--	ISC	iLoc	??? ???	_	
KRLC	2.18	307.7	Lg	13:03:30.900	-1.6	T__		99.0	0.70	---		14689487	FDSN	IR	--	ISC	iLoc	??? ???	_	
SOP	2.23	241.7	Pn	13:03:01.708	1.9	T__	6.1	0.3		---	MLv	3.2	14689488	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
SOP	2.23	241.7	Pg	13:03:06.425	-0.4	T__				---		14689489	FDSN	HU	--	BUD	iLoc	BHZ ???	_	
(Station ML : 3.2 1																				
KWP	2.30	66.9	Pn	13:03:03.314	1.9	T__	4.5	2.2		---	MLv	4.1	14689490	FDSN	PL	--	BUD	iLoc	BHZ BHZ	_
KWP	2.30	66.9	Pg	13:03:03.200	-2.8	T__				---		14689491	FDSN	IR	--	ISC	iLoc	??? ???	_	
(Station ML : 4.1 0																				
DPC	2.58	308.8	Pn	13:03:06.300	1.6	T__				---		14689492	FDSN	IR	--	ISC	iLoc	??? ???	_	
DPC	2.58	308.8	Lg	13:03:44.300	-0.5	T__		148.4	1.30	---		14689493	FDSN	IR	--	ISC	iLoc	??? ???	_	
MORH	2.62	192.5	Pn	13:03:06.099	0.8	T__	6.2	0.1		---	MLv	2.9	14689494	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
MORH	2.62	192.5	Pg	13:03:06.200	-8.5	---				---		14689495	FDSN	IR	--	ISC	iLoc	??? ???	_	
(Station ML : 2.9 0																				
OSTC	2.76	311.4	Pn	13:03:09.400	2.2	T__				---		14689496	FDSN	IR	--	ISC	iLoc	??? ???	_	
OSTC	2.76	311.4	Pg	13:03:13.500	0.0	T__				---		14689497	FDSN	IR	--	ISC	iLoc	??? ???	_	
OSTC	2.76	311.4	Lg	13:03:49.600	-0.6	T__		183.1	0.90	---		14689498	FDSN	IR	--	ISC	iLoc	??? ???	_	
UPC	2.83	309.0	Pn	13:03:09.900	1.8	T__				---		14689499	FDSN	IR	--	ISC	iLoc	??? ???	_	
UPC	2.83	309.0	Pg	13:03:14.800	0.1	T__				---		14689500	FDSN	IR	--	ISC	iLoc	??? ???	_	
UPC	2.83	309.0	Lg	13:03:52.800	0.5	T__		108.4	0.80	---		14689501	FDSN	IR	--	ISC	iLoc	??? ???	_	
KOVH	2.84	199.5	Pn	13:03:10.551	2.0	T__	4.5	0.1		---	MLv	3.1	14689502	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 3.1 0																				
CHVC	2.86	310.6	Pn	13:03:10.900	2.3	T__				---		14689503	FDSN	IR	--	ISC	iLoc	??? ???	_	
CHVC	2.86	310.6	Pg	13:03:15.500	0.2	T__				---		14689504	FDSN	IR	--	ISC	iLoc	??? ???	_	
CHVC	2.86	310.6	Lg	13:03:52.800	-0.5	T__		129.4	0.90	---		14689505	FDSN	IR	--	ISC	iLoc	??? ???	_	
KSP	2.91	316.4	Pn	13:03:10.956	1.6	T__	13.5	0.5		---	MLv	3.8	14689506	FDSN	PL	--	BUD	iLoc	BHZ BHZ	_
KSP	2.91	316.4	Pg	13:03:11.200	-5.1	---				---		14689507	FDSN	IR	--	ISC	iLoc	??? ???	_	

KSP	2.91	316.4	Pb	13:03:11.830	-4.4	T__				14689508	FDSN	IR	--	ISC	iLoc	??? ???	_		
KSP	2.91	316.4	Sn	13:03:46.200	0.2	T__				14689509	FDSN	IR	--	ISC	iLoc	??? ???	_		
(Station ML : 3.8 1																			
BMR	2.91	110.7	Pn	13:03:10.000	-0.0	T__				14689510	FDSN	IR	--	ISC	iLoc	??? ???	_		
BMR	2.91	110.7	Pg	13:03:10.075	-8.7	---				14689511	FDSN	IR	--	ISC	iLoc	??? ???	_		
BMR	2.92	110.7	Pb	13:03:09.828	-9.0	---	8.5	0.6	---	MLv	3.9	14689512	FDSN	RO	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 3.9 1																			
SIRR	2.92	148.5	Pn	13:03:10.699	1.0	T__				14689513	FDSN	IR	--	ISC	iLoc	??? ???	_		
SIRR	2.92	148.5	Pg	13:03:10.819	-10.5	---	7.8	0.1	---	MLv	3.3	14689514	FDSN	RO	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 3.3 1																			
BEHE	2.94	219.2	Pn	13:03:12.500	2.5	T__				14689515	FDSN	IR	--	ISC	iLoc	??? ???	_		
DRGR	2.96	131.0	Pn	13:03:11.801	1.2	T__	6.5	0.2	---	MLv	3.4	14689516	FDSN	RO	--	BUD	iLoc	BHZ BHZ	_
DRGR	2.96	131.0	Pg	13:03:11.944	-9.2	---				14689517	FDSN	IR	--	ISC	iLoc	??? ???	_		
DRGR	2.96	131.0	Pb	13:03:12.100	-9.0	---				14689518	FDSN	IR	--	ISC	iLoc	??? ???	_		
(Station ML : 3.4 1																			
ARSA	3.05	241.5	Pn	13:03:12.896	1.6	T__		0.8	0.17	---		14689519	FDSN	IR	--	ISC	iLoc	??? ???	_
ARSA	3.05	241.5	Pg	13:03:13.200	-9.1	---				14689520	FDSN	IR	--	ISC	iLoc	??? ???	_		
ARSA	3.05	241.5	Sn	13:03:51.064	3.5	T__		6.4	0.35	---		14689521	FDSN	IR	--	ISC	iLoc	??? ???	_
ARSA	3.05	241.5	Pb	13:03:13.584	-8.8	---	3.7	0.1	---	MLv	3.3	14689522	FDSN	OE	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 3.3 1																			
KALN	3.34	218.7	Pn	13:03:17.060	1.2	T__				14689523	FDSN	IR	--	ISC	iLoc	??? ???	_		
CKRC	3.41	272.7	Pn	13:03:16.600	0.5	T__				14689524	FDSN	IR	--	ISC	iLoc	??? ???	_		
CKRC	3.41	272.7	Sn	13:03:54.800	-2.0	T__				14689525	FDSN	IR	--	ISC	iLoc	??? ???	_		
PRU	3.44	292.5	Pn	13:03:16.800	0.4	T__				14689526	FDSN	IR	--	ISC	iLoc	??? ???	_		
PRU	3.44	292.5	Lg	13:04:08.400	-3.2	T__		40.1	0.90	---		14689527	FDSN	IR	--	ISC	iLoc	??? ???	_
CJR	3.47	124.9	Pn	13:03:18.901	1.0	T__	4.5	0.4	---	MLv	4.0	14689528	FDSN	RO	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 4.0 0																			
BZS	3.49	154.3	Pn	13:03:19.200	1.8	T__				14689529	FDSN	IR	--	ISC	iLoc	??? ???	_		
BZS	3.49	154.0	Pg	13:03:19.042	-13.2	---	3.4	0.1	---	MLv	3.3	14689530	FDSN	RO	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 3.3 1																			
MOA	3.59	257.0	Pn	13:03:19.907	1.1	T__		2.8	0.15	---		14689531	FDSN	IR	--	ISC	iLoc	??? ???	_
MOA	3.59	257.0	Pg	13:03:20.100	-12.1	---				14689532	FDSN	IR	--	ISC	iLoc	??? ???	_		
FRGS	3.63	176.1	Pn	13:03:20.911	1.5	T__				14689533	FDSN	IR	--	ISC	iLoc	??? ???	_		
FRGS	3.63	176.1	Pg	13:03:21.500	-12.7	---				14689534	FDSN	IR	--	ISC	iLoc	??? ???	_		
SOKA	3.65	236.6	Pn	13:03:20.993	1.2	T__		6.1	0.48	---		14689535	FDSN	IR	--	ISC	iLoc	??? ???	_
SOKA	3.65	236.6	Sn	13:04:05.270	2.7	T__		1.8	0.24	---		14689536	FDSN	IR	--	ISC	iLoc	??? ???	_
MOSL	3.66	211.3	Pn	13:03:21.460	1.1	T__				14689537	FDSN	IR	--	ISC	iLoc	??? ???	_		
ARCR	3.70	115.4	Pn	13:03:22.700	1.6	T__				14689538	FDSN	IR	--	ISC	iLoc	??? ???	_		
ARCR	3.70	115.4	Pg	13:03:34.969	1.2	T__				14689539	FDSN	RO	--	BUD	iLoc	BHZ ???	_		
GERES	3.81	273.2	Pn	13:03:23.175	1.2	T__	36.0	4.9	0.33	---		14689540	FDSN	IR	--	ISC	iLoc	??? ???	_
GERES	3.81	273.2	Sn	13:04:07.437	0.2	T__	16.7	5.4	0.33	---		14689541	FDSN	IR	--	ISC	iLoc	??? ???	_
KHC	3.89	277.5	Pn	13:03:23.400	0.5	T__				14689542	FDSN	IR	--	ISC	iLoc	??? ???	_		
KHC	3.89	277.5	Lg	13:04:20.700	-6.6	T__		17.2	0.60	---		14689543	FDSN	IR	--	ISC	iLoc	??? ???	_
OBKA	4.02	237.5	Pn	13:03:26.831	1.9	T__	2.3	0.1	---	MLv	3.4	14689544	FDSN	OE	--	BUD	iLoc	BHZ BHZ	_
OBKA	4.02	237.5	Pg	13:03:26.400	-13.9	---				14689545	FDSN	IR	--	ISC	iLoc	??? ???	_		
OBKA	4.02	237.5	Pb	13:03:26.496	-13.8	---	9.1	5.8	0.38	---		14689546	FDSN	IR	--	ISC	iLoc	??? ???	_
OBKA	4.02	237.5	Sn	13:04:15.292	3.4	T__		8.2	0.43	---		14689547	FDSN	IR	--	ISC	iLoc	??? ???	_
(Station ML : 3.4 1																			
BURAR	4.02	104.6	Pn	13:03:26.138	0.3	T__				14689548	FDSN	IR	--	ISC	iLoc	??? ???	_		
GZR	4.07	145.0	Pn	13:03:27.819	1.9	T__	3.9	0.1	---	MLv	3.6	14689549	FDSN	RO	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 3.6 1																			
BRG	4.14	302.5	Pn	13:03:27.400	1.1	T__				14689550	FDSN	IR	--	ISC	iLoc	??? ???	_		
WET	4.35	277.3	Pn	13:03:30.600	1.3	T__				14689551	FDSN	IR	--	ISC	iLoc	??? ???	_		

HERR	4.39	151.4	Pn	13:03:31.838	1.5	T__										14689552	FDSN	IR	--	ISC	iLoc	???	???	-
LOT	4.44	136.9	Pn	13:03:33.000	1.6	T__										14689553	FDSN	IR	--	ISC	iLoc	???	???	-
KBA	4.45	249.9	Pn	13:03:32.700	1.5	T__										14689554	FDSN	IR	--	ISC	iLoc	???	???	-
KBA	4.45	249.9	Pg	13:03:32.724	-16.3	---					2.9	0.28				14689555	FDSN	IR	--	ISC	iLoc	???	???	-
KBA	4.45	249.9	Sn	13:04:26.038	3.2	T__					0.9	0.18				14689556	FDSN	IR	--	ISC	iLoc	???	???	-
DIVS	4.69	175.3	Pn	13:03:36.200	1.7	T__										14689557	FDSN	IR	--	ISC	iLoc	???	???	-
NKC	4.80	290.3	Pn	13:03:35.000	-0.3	T__										14689558	FDSN	IR	--	ISC	iLoc	???	???	-
TANN	4.84	292.5	Pn	13:03:36.300	0.3	T__										14689559	FDSN	IR	--	ISC	iLoc	???	???	-
CLL	4.87	303.8	Pn	13:03:35.000	-1.4	T__										14689560	FDSN	IR	--	ISC	iLoc	???	???	-
CLL	4.87	303.8	Pg	13:03:36.700	-16.5	---										14689561	FDSN	IR	--	ISC	iLoc	???	???	-
CLL	4.87	303.8	Pb	13:03:54.000	0.8	T__										14689562	FDSN	IR	--	ISC	iLoc	???	???	-
CLL	4.87	303.8	Lg	13:05:01.000	4.2	T__					28.0	0.60				14689563	FDSN	IR	--	ISC	iLoc	???	???	-
ARR	4.91	132.0	Pn	13:03:39.900	1.8	T__										14689564	FDSN	IR	--	ISC	iLoc	???	???	-
VOIR	5.07	129.1	Pn	13:03:41.300	0.8	T__					11.7	0.80				14689565	FDSN	IR	--	ISC	iLoc	???	???	-
VOIR	5.07	129.1	Pg	13:03:41.834	-18.8	---										14689566	FDSN	IR	--	ISC	iLoc	???	???	-
SMRN	5.22	226.2	Pn	13:03:43.390	1.5	T__										14689567	FDSN	IR	--	ISC	iLoc	???	???	-
SMRN	5.22	226.2	Sn	13:04:40.760	-0.3	T__										14689568	FDSN	IR	--	ISC	iLoc	???	???	-
KIJV	5.22	205.0	Pn	13:03:44.100	1.7	T__					19.2	1.20				14689569	FDSN	IR	--	ISC	iLoc	???	???	-
KIJV	5.22	205.0	Pg	13:03:44.290	-20.1	---										14689570	FDSN	IR	--	ISC	iLoc	???	???	-
MOX	5.42	293.1	Pn	13:03:44.500	0.6	T__					8.9	1.00				14689571	FDSN	IR	--	ISC	iLoc	???	???	-
WTTA	5.46	256.9	Pn	13:03:47.474	2.1	T__					1.8	0.28				14689572	FDSN	IR	--	ISC	iLoc	???	???	-
MORI	5.56	209.3	Pn	13:03:48.640	1.4	T__										14689573	FDSN	IR	--	ISC	iLoc	???	???	-
DUGI	5.67	214.1	Pn	13:03:50.310	1.4	T__										14689574	FDSN	IR	--	ISC	iLoc	???	???	-
ZIRJ	5.77	208.7	Pn	13:03:52.210	1.9	T__										14689575	FDSN	IR	--	ISC	iLoc	???	???	-
HVAR	5.98	201.7	Pn	13:03:55.000	1.5	T__										14689576	FDSN	IR	--	ISC	iLoc	???	???	-
STON	6.03	192.4	Pn	13:03:55.560	1.7	T__										14689577	FDSN	IR	--	ISC	iLoc	???	???	-
FETA	6.13	256.6	Pn	13:03:55.818	1.2	T__					0.6	0.28				14689578	FDSN	IR	--	ISC	iLoc	???	???	-
AKASG	6.62	69.4	Pn	13:03:58.750	-1.7	T__	5.9				1.9	0.33				14689579	FDSN	IR	--	ISC	iLoc	???	???	-
AKASG	6.62	69.4	Sn	13:05:13.125	-4.2	T__	4.2				1.4	0.33				14689580	FDSN	IR	--	ISC	iLoc	???	???	-
DAVOX	6.76	256.4	Pn	13:04:00.725	-2.8	T__	1.7				0.3	0.33				14689581	FDSN	IR	--	ISC	iLoc	???	???	-
DAVOX	6.76	256.4	Sn	13:05:18.175	-1.4	T__	1.5				0.5	0.33				14689582	FDSN	IR	--	ISC	iLoc	???	???	-
DAVOX	6.76	256.4	Lg	13:05:49.517	-10.3	---	1.3				0.3	0.33				14689583	FDSN	IR	--	ISC	iLoc	???	???	-
BSD	6.94	337.9	Pn	13:03:32.130	-32.9	---										14689584	FDSN	IR	--	ISC	iLoc	???	???	-
BSD	6.94	337.9	Pg	13:03:34.570	-59.3	---										14689585	FDSN	IR	--	ISC	iLoc	???	???	-
BSD	6.94	337.9	x	13:04:05.490	-99.0	---										14689586	FDSN	IR	--	ISC	iLoc	???	???	-
BSD	6.94	337.9	x	13:04:09.330	-99.0	---					3.7	0.34				14689587	FDSN	IR	--	ISC	iLoc	???	???	-
HFS	11.86	345.8	Pn	13:05:11.112	0.8	T__	1.3				0.1	0.33				14689588	FDSN	IR	--	ISC	iLoc	???	???	-
NOA	13.16	342.1	Pn	13:05:28.416	1.0	T__	1.6				0.0	0.33				14689589	FDSN	IR	--	ISC	iLoc	???	???	-
FINES	13.24	14.0	Pn	13:05:29.030	1.2	T__	6.1				0.4	0.33				14689590	FDSN	IR	--	ISC	iLoc	???	???	-
ARCES	21.03	5.9	P	13:07:09.591	2.5	T__	1.3				1.9	0.87				14689591	FDSN	IR	--	ISC	iLoc	???	???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2015/11/04	03:42:01.55	1.27	0.54	47.3275	18.4078	7.6	5.9	136	12.8F	10.1	9	6	102	0.11	1.20	m	ke BUD	14689761	iLoc			186			
Magnitude	Err	Nsta	Author	OrigID																					
ML	1.4	0.1	5 BUD	14689761																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.11	289.6	Pg	03:42:05.264	0.4					T__	56.7	0.8			MLv	1.5	14689763	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.11	289.6	Lg	03:42:06.858	-0.6					T__						14689764	FDSN	HU	--	BUD	iLoc	SHE	???	_	
(Station ML : 1.5 1																									

BUD	0.45	69.3	Pg	03:42:11.644	0.6	T__	1.7	0.1	___	MLv	1.3	14689765	FDSN	HU	--	BUD	iLoc	BHN	BHZ	_
BUD	0.45	69.3	Lg	03:42:17.926	-0.0	T__			___			14689766	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 1.3 0																				
MPLH	0.61	255.4	Sn	03:42:25.250	-0.1	T__			___			14689767	FDSN	HU	--	BUD	iLoc	BHN	???	_
MORH	1.12	171.6	Pg	03:42:24.045	0.4	T__	1.1	0.0	___	MLv	1.4	14689768	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.12	171.6	Lg	03:42:39.207	-0.4	T__			___			14689769	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 1.4 1																				
PSZ	1.17	59.0	Pg	03:42:25.216	-0.4	T__	1.2	0.0	___	MLv	1.7	14689770	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.7 0																				
VYHS	1.20	13.7	Pg	03:42:25.806	0.4	T__	1.4	0.0	___	MLv	1.3	14689771	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/11/05	12:01:22.24	0.27	0.69	48.4405	17.1408	2.8	1.6	124	0.0F	0.0	14		18	0.99	2.26	a	ke VIE	14565158	ISC			360
2015/11/05	12:01:21.73	0.96	1.50	48.3854	17.1954	4.4	2.9	110	3.4F	8.4	33	18	71	0.20	3.99	m	ke BUD	14690078	iLoc			92

Magnitude	Err	Nsta	Author	OrigID
mb	2.0		VIE	14565158
ml	2.2		VIE	14565158
ML	2.3	0.1	9 BUD	14690078

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ZST	0.20	198.2	Pg	12:01:26.676	0.7					T__	48.7	22.8		___	MLv	3.2	14690080	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.20	198.2	Lg	12:01:30.591	1.4					T__				___		14690081	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 3.2 0																									
JAVC	0.57	33.5	Pg	12:01:32.254	-0.9					T__				___		14690082	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
JAVC	0.57	33.5	Lg	12:01:41.915	0.3					T__				___		14690083	FDSN	CZ	--	BUD	iLoc	BHN	???	_	
JAVC	0.57	33.5	Pb	12:01:32.400	-0.8					T__				___		14690084	FDSN	IR	--	ISC	iLoc	???	???	_	
JAVC	0.57	33.5	Sg	12:01:39.900	-1.7					T__				___		14690085	FDSN	IR	--	ISC	iLoc	???	???	_	
SOP	0.82	211.6	Pg	12:01:39.693	1.6					T__	5.7	0.2		___	MLv	2.2	14690086	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.82	211.6	Sn	12:01:51.041	-1.5					T__				___		14690087	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.2 1																									
KRUC	0.86	322.3	Pg	12:01:38.200	0.3					T__				___		14690088	FDSN	IR	--	ISC	iLoc	???	???	_	
KRUC	0.86	322.3	Pn	12:01:38.710	-0.9					T__				___		14690089	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
EGYH	0.97	174.5	Pn	12:01:38.788	-2.5					T__	4.6	0.4		___	MLv	2.6	14690090	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	0.97	174.5	Sn	12:01:54.015	-2.2					T__				___		14690091	FDSN	HU	--	BUD	iLoc	SHE	???	_	
(Station ML : 2.6 1																									
CONA	1.00	243.4	Pg	12:01:42.024	0.4					T__	11.3	2.4	0.14	___		14690092	FDSN	IR	--	ISC	iLoc	???	???	_	
CONA	1.00	243.4	Sn	12:01:55.974	-1.4					T__		31.5	0.80	___		14690093	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.01	336.9	Pg	12:01:41.000	0.5					T__				___		14690094	FDSN	IR	--	ISC	iLoc	???	???	_	
VRAC	1.01	336.9	Pb	12:01:41.294	0.8					T__				___		14690095	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
VRAC	1.01	336.9	Sn	12:01:56.336	-0.5					T__				___		14690096	FDSN	CZ	--	BUD	iLoc	BHE	???	_	
VYHS	1.10	83.7	Pn	12:01:42.520	-0.5					T__	5.3	0.0		___	MLv	1.7	14690097	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.7 0																									
MPLH	1.24	169.1	Pg	12:01:45.616	-0.5					T__	6.4	0.1		___	MLv	2.3	14690098	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.3 1																									
MORC	1.41	9.2	Pn	12:01:46.800	-0.6					T__				___		14690099	FDSN	IR	--	ISC	iLoc	???	???	_	
TREC	1.45	309.5	Pg	12:01:50.016	0.9					T__				___		14690100	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
ARSA	1.60	225.4	Pg	12:01:52.574	-0.2					T__	4.9	6.3	0.50	___		14690101	FDSN	IR	--	ISC	iLoc	???	???	_	
ARSA	1.60	225.4	Lg	12:02:15.282	1.0					T__		12.8	0.48	___		14690102	FDSN	IR	--	ISC	iLoc	???	???	_	
ARSA	1.60	225.4	Pb	12:01:52.226	-0.6					T__	5.1	0.1		___	MLv	2.3	14690103	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	1.60	225.4	Sg	12:02:13.705	-0.5					T__				___		14690104	FDSN	OE	--	BUD	iLoc	BHE	???	_	

(Station ML : 2.3 1																				
LANS	1.69	62.2	Pg	12:02:01.710	7.0	---	3.8	0.1	---	MLv	2.3	14690105	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 2.3 1																				
PSZ	1.87	103.5	Pn	12:01:48.125	-5.8	---			---			14690106	FDSN	GE	--	BUD	iLoc	BHZ	???	_
MOA	2.03	255.8	Pg	12:01:58.510	-2.5	T__		1.1	0.20	---		14690107	FDSN	IR	--	ISC	iLoc	???	???	_
MOA	2.03	255.8	Lg	12:02:28.184	0.1	T__		13.2	0.60	---		14690108	FDSN	IR	--	ISC	iLoc	???	???	_
SOKA	2.25	221.4	Pn	12:02:01.860	2.8	T__		1.7	0.42	---		14690109	FDSN	IR	--	ISC	iLoc	???	???	_
NIE	2.30	62.1	Pg	12:02:08.412	2.5	T__	1.7	0.0	---	MLv	2.2	14690110	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.2 1																				
KOVH	2.38	164.7	Sn	12:02:31.688	1.0	T__			---			14690111	FDSN	HU	--	BUD	iLoc	BHE	???	_
MORH	2.38	155.0	Pn	12:02:01.460	0.6	T__	1.8	0.0	---	MLv	2.3	14690112	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	2.38	155.0	Sn	12:02:31.862	1.3	T__			---			14690113	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 2.3 1																				
CLL	3.99	318.7	Lg	12:03:32.000	3.5	T__		7.0	0.70	---		14690114	FDSN	IR	--	ISC	iLoc	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/11/05	13:28:14.90	0.27	0.60	46.0518	22.9463	2.3	1.8	63	2.0A		20		124	0.17	2.44	a	ke BUC	14565196	ISC			360
2015/11/05	13:28:13.97	1.29	0.99	46.0723	22.8793	6.3	4.4	150	0.1F	3.5	38	12	121	0.19	2.45	m	ke BUD	14690018	iLoc			188

Magnitude	Err	Nsta	Author	OrigID
ml	1.4		BUC	14565196
ML	1.7	0.2	4 BUD	14690018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DEV	0.19	176.0	Pg	13:28:17.657	0.1					T__	14.8	1.1		---	MLv	1.9	14690020	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DEV	0.19	176.0	Lg	13:28:20.456	0.2					T__				---		14690021	FDSN	RO	--	BUD	iLoc	BHN	???	???	_
DEV	0.19	174.9	Sg	13:28:20.991	0.6					T__		0.5		---		14690022	FDSN	IR	--	ISC	iLoc	???	???	???	_
(Station ML : 1.9 1																									
GZR	0.68	186.1	Pg	13:28:27.002	-0.2					T__	3.2	0.1		---	MLv	1.6	14690023	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	0.68	186.1	Pb	13:28:27.135	-0.0					T__				---		14690024	FDSN	IR	--	ISC	iLoc	???	???	???	_
GZR	0.68	186.1	Lg	13:28:35.589	-1.4					T__				---		14690026	FDSN	RO	--	BUD	iLoc	BHE	???	???	_
GZR	0.68	186.1	Sg	13:28:36.632	-0.4					T__				---		14690027	FDSN	IR	--	ISC	iLoc	???	???	???	_
(Station ML : 1.6 1																									
DRGR	0.73	350.9	Pg	13:28:29.441	0.7					T__				---		14690028	FDSN	IR	--	ISC	iLoc	???	???	???	_
DRGR	0.73	350.9	Lg	13:28:39.437	-1.3					T__				---		14690030	FDSN	IR	--	ISC	iLoc	???	???	???	_
DRGR	0.73	350.9	x	13:28:31.841	-99.0					---	1.9	0.0		---	MLv	14690031	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	???	_
DRGR	0.73	350.9	Sg	13:28:40.301	-0.4					T__				---		14690032	FDSN	RO	--	BUD	iLoc	BHZ	???	???	_
SIRR	0.87	283.3	Pg	13:28:30.781	-1.0					T__	5.2	0.1		---	MLv	1.9	14690033	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.87	283.3	Lg	13:28:44.020	-1.1					T__				---		14690034	FDSN	RO	--	BUD	iLoc	BHN	???	???	_
SIRR	0.87	283.4	Pn	13:28:33.053	0.6					T__				---		14690035	FDSN	IR	--	ISC	iLoc	???	???	???	_
SIRR	0.87	283.4	Sg	13:28:46.038	0.8					T__				---		14690037	FDSN	IR	--	ISC	iLoc	???	???	???	_
(Station ML : 1.9 1																									
LOT	0.88	134.7	Lg	13:28:42.621	-1.1					T__				---		14690038	FDSN	IR	--	ISC	iLoc	???	???	???	_
BZS	0.98	242.8	Pn	13:28:33.898	0.2					T__	1.3	0.0		---	MLv	1.4	14690040	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.98	242.8	Lg	13:28:46.436	-0.8					T__				---		14690041	FDSN	RO	--	BUD	iLoc	BHN	???	???	_
(Station ML : 1.4 1																									
HERR	1.24	195.5	Pg	13:28:37.715	0.2					T__				---		14690042	FDSN	IR	--	ISC	iLoc	???	???	???	_
HERR	1.24	195.5	Sn	13:28:55.350	-0.6					T__				---		14690044	FDSN	IR	--	ISC	iLoc	???	???	???	_
ARR	1.42	119.2	Pn	13:28:40.919	0.4					T__				---		14690045	FDSN	IR	--	ISC	iLoc	???	???	???	_
ARR	1.42	119.2	Sn	13:29:00.009	-1.4					T__				---		14690047	FDSN	IR	--	ISC	iLoc	???	???	???	_
MDVR	1.53	212.9	Pg	13:28:43.504	-0.3					T__				---		14690048	FDSN	IR	--	ISC	iLoc	???	???	???	_

MDVR	1.53	212.9	Lg	13:29:04.245	-1.4	T__	---	14690050	FDSN	IR	--	ISC	iLoc	??? ???	_
VOIR	1.65	111.9	Pn	13:28:44.285	0.4	T__	---	14690051	FDSN	IR	--	ISC	iLoc	??? ???	_
VOIR	1.65	111.9	Sn	13:29:07.326	-0.1	T__	---	14690053	FDSN	IR	--	ISC	iLoc	??? ???	_
PUNG	1.79	178.8	Pn	13:28:46.535	1.0	T__	---	14690054	FDSN	IR	--	ISC	iLoc	??? ???	_
PUNG	1.79	178.8	Lg	13:29:11.019	-1.9	T__	---	14690056	FDSN	IR	--	ISC	iLoc	??? ???	_
BLKB	2.45	183.5	Sn	13:29:28.734	2.2	T__	---	14690057	FDSN	IR	--	ISC	iLoc	??? ???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/11/05	14:46:07.59	1.33	0.74	47.3537	18.4496	8.9	4.7	139	4.9F	11.5	12	8	101	0.13	1.29	m	ke BUD	14690160	iLoc			119

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	4 BUD	14690160

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.13	274.3	Pg	14:46:10.551	-0.0					T__	14.7	0.6			MLv	1.5	14690162	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.13	274.3	Lg	14:46:11.950	-1.0					T__						14690163	FDSN	HU	--	BUD	iLoc	SHZ	???	_	
(Station ML : 1.5 1																									
BUD	0.41	71.4	Lg	14:46:22.498	-0.3					T__						14690164	FDSN	HU	--	BUD	iLoc	BHN	???	_	
SRO	0.47	348.7	Lg	14:46:24.155	0.1					T__						14690165	FDSN	SK	--	BUD	iLoc	EHE	???	_	
MPLH	0.65	253.8	Pg	14:46:21.003	0.5					T__	1.4	0.0			MLv	1.4	14690166	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.65	253.8	Lg	14:46:30.394	0.3					T__						14690167	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
(Station ML : 1.4 1																									
PSZ	1.13	59.4	Pn	14:46:29.595	0.5					T__	1.6	0.0			MLv	1.7	14690168	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.13	59.4	Lg	14:46:46.714	-0.3					T__						14690169	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.7 1																									
MORH	1.15	173.2	Sn	14:46:44.529	-1.3					T__						14690170	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
VYHS	1.17	12.7	Pg	14:46:31.230	0.3					T__	1.8	0.0			MLv	1.3	14690171	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.17	12.7	Sn	14:46:45.638	-0.8					T__						14690172	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.3 1																									
KOVH	1.29	190.9	Sn	14:46:50.044	0.5					T__						14690173	FDSN	HU	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/11/06	14:03:58.50	0.33	0.19	46.2200	16.1272	2.2	1.2	103	0.0F	0.0	18		15	0.88	1.13	a	ke VIE	14565507	ISC			360
2015/11/06	14:04:00.29	1.01	0.92	46.1860	16.0079	4.3	3.7	125	10.8F	8.7	23	10	61	0.28	1.12	m	ke BUD	14690432	iLoc			86

Magnitude	Err	Nsta	Author	OrigID
mb	1.4		VIE	14565507
ml	1.9		VIE	14565507
ML	2.3	0.2	4 BUD	14690432

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PTJ	0.28	185.7	Lg	14:04:11.418	0.6					T__						14690434	FDSN	CR	--	BUD	iLoc	BHN	???	_	
PTJ	0.28	185.7	Pg	14:04:06.030	-0.5					T__						14690435	FDSN	IR	--	ISC	iLoc	???	???	_	
PTJ	0.28	185.7	Sg	14:04:10.430	-1.1					T__						14690436	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.31	32.6	Pg	14:04:07.651	0.8					T__	16.2	2.2			MLv	2.5	14690437	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.31	32.6	Lg	14:04:11.817	0.1					T__						14690438	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.5 1																									
KALN	0.32	99.8	Pg	14:04:07.090	-0.1					T__						14690439	FDSN	IR	--	ISC	iLoc	???	???	_	

KALN	0.32	99.8	Lg	14:04:12.310	-0.2	T__									14690440	FDSN	IR	--	ISC	iLoc	??? ???	_
CRES	0.53	227.0	Pg	14:04:11.048	0.3	T__	5.0	0.3	---	MLv	2.3				14690441	FDSN	SL	--	BUD	iLoc	BHZ BHZ	_
CRES	0.53	227.0	Lg	14:04:18.670	-0.1	T__			---						14690442	FDSN	SL	--	BUD	iLoc	BHE ???	_
(Station ML : 2.3 1																						
BEHE	0.60	61.6	Pg	14:04:13.970	1.3	T__	3.3	0.3	---	MLv	2.3				14690443	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
BEHE	0.60	61.6	Lg	14:04:21.313	-0.4	T__			---						14690444	FDSN	HU	--	BUD	iLoc	BHE ???	_
(Station ML : 2.3 1																						
OZLJ	0.68	213.7	Pg	14:04:14.020	0.4	T__			---						14690445	FDSN	IR	--	ISC	iLoc	??? ???	_
OZLJ	0.68	213.7	Lg	14:04:23.560	0.1	T__			---						14690446	FDSN	IR	--	ISC	iLoc	??? ???	_
MOSL	0.77	137.4	Pg	14:04:15.490	-0.4	T__			---						14690447	FDSN	IR	--	ISC	iLoc	??? ???	_
MOSL	0.77	137.4	Lg	14:04:26.010	-1.1	T__			---						14690448	FDSN	IR	--	ISC	iLoc	??? ???	_
SOKA	0.83	306.5	Pg	14:04:15.226	-1.2	T__				1.2	0.20	---			14690449	FDSN	IR	--	ISC	iLoc	??? ???	_
SOKA	0.83	306.5	Lg	14:04:27.908	-0.2	T__				3.1	0.30	---			14690450	FDSN	IR	--	ISC	iLoc	??? ???	_
OBKA	1.06	288.3	Pg	14:04:20.172	-0.5	T__				1.3	0.38	---			14690451	FDSN	IR	--	ISC	iLoc	??? ???	_
OBKA	1.06	288.3	Lg	14:04:35.686	0.4	T__				6.8	0.45	---			14690452	FDSN	IR	--	ISC	iLoc	??? ???	_
OBKA	1.06	288.3	Pn	14:04:22.163	1.7	T__	1.6	0.0	---	MLv	1.8				14690453	FDSN	OE	--	BUD	iLoc	BHZ BHZ	_
OBKA	1.06	288.3	Sg	14:04:36.219	1.0	T__			---						14690454	FDSN	OE	--	BUD	iLoc	BHN ???	_
(Station ML : 1.8 1																						
ARSA	1.12	342.8	Pn	14:04:20.015	-1.0	T__				1.9	0.38	---			14690455	FDSN	IR	--	ISC	iLoc	??? ???	_
ARSA	1.12	342.8	Lg	14:04:35.269	-1.9	T__				3.8	0.32	---			14690456	FDSN	IR	--	ISC	iLoc	??? ???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/11/06	23:13:31.37	1.19	0.63	47.3610	18.4220	7.2	4.2	128	6.0F	9.7	16	10	116	0.11	1.58	m	ke BUD	14690480	iLoc			145

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.4	8 BUD	14690480

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
CSKK	0.11	271.1	Pg	23:13:34.123	0.0					T__	425.5	2.7		---	MLv	2.0	14690482	FDSN	HU	--	BUD	iLoc	SHZ SHZ	_
CSKK	0.11	271.1	Lg	23:13:35.999	-0.2					T__				---			14690483	FDSN	HU	--	BUD	iLoc	SHN ???	_
(Station ML : 2.0 1																								
BUD	0.43	73.1	Lg	23:13:46.670	-0.5					T__				---			14690484	FDSN	HU	--	BUD	iLoc	BHN ???	_
SRO	0.46	350.8	Pg	23:13:41.366	0.7					T__	4.1	0.6		---	MLv	2.4	14690485	FDSN	SK	--	BUD	iLoc	EHZ EHZ	_
(Station ML : 2.4 1																								
TIH	0.59	218.5	Pg	23:13:43.232	0.0					T__	4.3	0.3		---	MLv	2.3	14690486	FDSN	HU	--	BUD	iLoc	SHZ SHZ	_
TIH	0.59	218.5	Lg	23:13:51.672	-0.4					T__				---			14690487	FDSN	HU	--	BUD	iLoc	SHN ???	_
(Station ML : 2.3 1																								
MPLH	0.63	252.7	Pg	23:13:43.846	-0.2					T__	3.7	0.1		---	MLv	1.6	14690488	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
MPLH	0.63	252.7	Lg	23:13:53.055	-0.3					T__				---			14690489	FDSN	HU	--	BUD	iLoc	BHN ???	_
(Station ML : 1.6 1																								
PSZ	1.14	60.2	Pn	23:13:53.490	0.5					T__	2.0	0.0		---	MLv	1.8	14690490	FDSN	GE	--	BUD	iLoc	BHN BHZ	_
PSZ	1.14	60.2	Sn	23:14:09.468	-0.3					T__				---			14690491	FDSN	GE	--	BUD	iLoc	BHN ???	_
(Station ML : 1.8 1																								
VYHS	1.17	13.6	Pg	23:13:54.187	-0.4					T__	1.5	0.0		---	MLv	1.3	14690492	FDSN	SK	--	BUD	iLoc	HHN HHZ	_
VYHS	1.17	13.6	Sn	23:14:08.777	-1.1					T__				---			14690493	FDSN	SK	--	BUD	iLoc	HHE ???	_
(Station ML : 1.3 0																								
ZST	1.22	313.7	Pn	23:13:53.756	-0.2					T__	1.4	0.7		---	MLv	3.0	14690494	FDSN	SK	--	BUD	iLoc	HHZ HHZ	_
(Station ML : 3.0 0																								
KOVH	1.29	190.0	Pn	23:13:55.515	0.6					T__	1.5	0.0		---	MLv	1.6	14690495	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
KOVH	1.29	190.0	Sn	23:14:13.247	-0.0					T__				---			14690496	FDSN	HU	--	BUD	iLoc	BHE ???	_
(Station ML : 1.6 1																								

JAVC	1.58	341.7	Pn	23:14:00.402	1.2	T__	---	14690497	FDSN	CZ	--	BUD	iLoc	BHZ	???	_									
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2015/11/06	23:33:15.40	0.80		46.1680	16.7470	0.1	0.1		12.0F	5.3	21			1.41	4.93	a	ke BEO	14565565	ISC			360			
2015/11/06	23:33:11.30	0.12	0.72	46.1200	16.4168	4.4	2.6	155	5.0A				67	0.39	9.40	a	ke LDG	14565553	ISC			360			
2015/11/06	23:33:13.00		0.70	46.1060	16.3830				6.7A							a	ke LJU	14565560	ISC			360			
2015/11/06	23:33:13.10	0.00		46.1900	16.3500				0.0A		22					a	ke PRU	14565563	ISC			360			
2015/11/06	23:33:13.50	0.26		46.1220	16.3960	0.0	0.0		10.6F	2.3	36			0.40	4.41	a	ke RHSSO	14565568	ISC			360			
2015/11/06	23:33:12.50	0.38	0.66	46.1754	16.4082	2.4	1.7	128	6.0F	1.5	39		15	1.07	4.08	a	ke VIE	14565556	ISC			360			
2015/11/06	23:33:12.23	0.81	1.25	46.1164	16.4103	2.8	2.3	79	7.3F	4.4	167	103	19	0.03	9.40	m	ke BUD	14690531	iLoc			27			
Magnitude	Err	Nsta	Author	OrigID																					
ML	2.7		BEO	14565565																					
Ml	2.3		LDG	14565553																					
ML	2.5		LJU	14565560																					
ML	2.8		RHSSO	14565568																					
mb	2.3		VIE	14565556																					
ml	2.6		VIE	14565556																					
ML	2.8	0.3	18 BUD	14690531																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KALN	0.03	64.8	Pg	23:33:14.140	0.0					T__						14690533	FDSN	IR	--	ISC	iLoc	???	???	_	
KALN	0.03	64.8	Lg	23:33:15.010	-0.7					T__						14690534	FDSN	IR	--	ISC	iLoc	???	???	_	
LOBO	0.24	279.4	Pg	23:33:17.280	-0.1					T__						14690535	FDSN	IR	--	ISC	iLoc	???	???	_	
LOBO	0.24	279.4	Lg	23:33:20.180	-1.1					T__						14690536	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.35	341.6	Lg	23:33:25.200	0.5					T__						14690537	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.35	341.6	x	23:33:27.330	-99.0					---		523.0	0.15			14690538	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.35	341.6	Pg	23:33:19.930	0.5					T__	125.8	18.7			MLv	3.5	14690539	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.5 0																									
PTJ	0.37	236.0	Pg	23:33:20.078	0.3					T__	33.4	1.1			MLv	2.4	14690540	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.37	236.0	Pb	23:33:19.880	-0.2					T__						14690541	FDSN	IR	--	ISC	iLoc	???	???	_	
PTJ	0.37	236.0	Lg	23:33:24.400	-1.8					T__						14690542	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.4 0																									
ZAG	0.41	225.7	Pg	23:33:20.960	0.4					T__						14690543	FDSN	IR	--	ISC	iLoc	???	???	_	
ZAG	0.41	225.7	Lg	23:33:26.940	0.0					T__						14690544	FDSN	IR	--	ISC	iLoc	???	???	_	
ZAG	0.41	225.7	Sg	23:33:27.700	0.8					T__						14690545	FDSN	IR	--	ISC	iLoc	???	???	_	
ZAG	0.41	225.7	Pb	23:33:21.087	0.5					T__	51.0	5.3			MLv	3.2	14690546	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.2 1																									
BEHE	0.44	35.4	Lg	23:33:29.200	1.2					T__						14690547	FDSN	IR	--	ISC	iLoc	???	???	_	
BEHE	0.44	35.4	Pg	23:33:22.015	0.8					T__	100.5	6.4			MLv	3.3	14690548	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.3 1																									
GOLS	0.56	259.4	Pg	23:33:23.410	0.1					T__						14690549	FDSN	IR	--	ISC	iLoc	???	???	_	
GOLS	0.56	259.4	Lg	23:33:32.600	0.7					T__						14690550	FDSN	IR	--	ISC	iLoc	???	???	_	
GOLS	0.56	259.4	x	23:33:36.190	-99.0					---		73.2	0.13			14690551	FDSN	IR	--	ISC	iLoc	???	???	_	
MOSL	0.56	154.3	Pg	23:33:23.590	0.0					T__						14690552	FDSN	IR	--	ISC	iLoc	???	???	_	
MOSL	0.56	154.3	Lg	23:33:31.130	-0.9					T__						14690553	FDSN	IR	--	ISC	iLoc	???	???	_	
GCIS	0.60	245.7	Pg	23:33:24.270	0.2					T__						14690554	FDSN	IR	--	ISC	iLoc	???	???	_	
GCIS	0.60	245.7	x	23:33:38.010	-99.0					---		92.9	0.18			14690555	FDSN	IR	--	ISC	iLoc	???	???	_	
DOBS	0.66	273.2	Pg	23:33:25.140	0.1					T__						14690556	FDSN	IR	--	ISC	iLoc	???	???	_	
DOBS	0.66	273.2	Lg	23:33:34.160	-0.6					T__						14690557	FDSN	IR	--	ISC	iLoc	???	???	_	
DOBS	0.66	273.2	x	23:33:37.850	-99.0					---		112.0	0.17			14690558	FDSN	IR	--	ISC	iLoc	???	???	_	

CESS	0.68	258.1	Pg	23:33:25.740	0.3	T__					14690559	FDSN	IR	--	ISC	iLoc	??? ???	_	
CESS	0.68	258.1	Lg	23:33:35.920	0.2	T__					14690560	FDSN	IR	--	ISC	iLoc	??? ???	_	
CESS	0.68	258.1	x	23:33:40.190	-99.0	---		231.0	0.29		14690561	FDSN	IR	--	ISC	iLoc	??? ???	_	
GROS	0.72	299.0	Pg	23:33:26.270	-0.0	---					14690562	FDSN	IR	--	ISC	iLoc	??? ???	_	
CRES	0.73	246.7	Pg	23:33:26.468	0.1	T__	30.3	3.2		MLv	3.4	14690563	FDSN	SL	--	BUD	iLoc	BHZ BHZ	_
CRES	0.73	246.7	Lg	23:33:37.300	-0.1	T__						14690564	FDSN	IR	--	ISC	iLoc	??? ???	_
CRES	0.73	246.7	Lg	23:33:37.370	-0.1	T__						14690565	FDSN	IR	--	ISC	iLoc	??? ???	_
CRES	0.73	246.7	x	23:33:40.830	-99.0	---		100.0	0.22			14690566	FDSN	IR	--	ISC	iLoc	??? ???	_
(Station ML : 3.4 0)																			
OZLJ	0.83	233.1	Pg	23:33:28.230	-0.0	T__						14690567	FDSN	IR	--	ISC	iLoc	??? ???	_
PDKS	0.98	267.3	Pg	23:33:31.150	-0.0	T__						14690568	FDSN	IR	--	ISC	iLoc	??? ???	_
BOJS	1.02	233.3	Pg	23:33:31.490	-0.4	T__						14690569	FDSN	IR	--	ISC	iLoc	??? ???	_
BOJS	1.02	233.3	Lg	23:33:46.270	-0.1	T__						14690570	FDSN	IR	--	ISC	iLoc	??? ???	_
BOJS	1.02	233.3	x	23:33:48.540	-99.0	---		110.0	0.35			14690571	FDSN	IR	--	ISC	iLoc	??? ???	_
PERS	1.04	300.6	Pg	23:33:31.750	-0.3	T__						14690572	FDSN	IR	--	ISC	iLoc	??? ???	_
PERS	1.04	300.6	Lg	23:33:44.830	-1.8	T__						14690573	FDSN	IR	--	ISC	iLoc	??? ???	_
PERS	1.04	300.6	x	23:33:49.410	-99.0	---		292.0	0.25			14690574	FDSN	IR	--	ISC	iLoc	??? ???	_
SOKA	1.11	301.0	Pn	23:33:32.969	-0.4	T__	61.0	20.1	0.24			14690575	FDSN	IR	--	ISC	iLoc	??? ???	_
SOKA	1.11	301.0	Lg	23:33:49.008	-0.0	T__		14.1	0.20			14690576	FDSN	IR	--	ISC	iLoc	??? ???	_
VISS	1.14	254.6	Pn	23:33:33.610	-0.2	T__						14690577	FDSN	IR	--	ISC	iLoc	??? ???	_
VISS	1.14	254.6	Lg	23:33:49.370	-0.8	T__						14690578	FDSN	IR	--	ISC	iLoc	??? ???	_
VISS	1.14	254.6	x	23:33:53.310	-99.0	---		77.2	0.33			14690579	FDSN	IR	--	ISC	iLoc	??? ???	_
PRIJ	1.16	169.4	Pn	23:33:35.200	0.9	T__						14690580	FDSN	IR	--	ISC	iLoc	??? ???	_
PRIJ	1.16	169.4	Lg	23:33:50.900	-0.0	T__						14690581	FDSN	IR	--	ISC	iLoc	??? ???	_
KOVH	1.18	90.8	Pn	23:33:34.260	-0.1	T__	12.0	0.2		MLv	2.5	14690582	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 2.5 0)																			
TIH	1.29	51.9	Pn	23:33:36.471	0.6	T__	19.8	1.2		MLv	3.3	14690583	FDSN	HU	--	BUD	iLoc	SHZ SHZ	_
(Station ML : 3.3 1)																			
ARSA	1.29	332.0	Pn	23:33:36.085	0.3	T__	19.4	0.5		MLv	2.9	14690584	FDSN	OE	--	BUD	iLoc	BHZ BHZ	_
ARSA	1.29	332.0	Sn	23:33:54.087	0.1	T__		108.2	0.35			14690585	FDSN	IR	--	ISC	iLoc	??? ???	_
(Station ML : 2.9 1)																			
MPLH	1.31	36.0	Pn	23:33:36.350	0.2	T__	14.2	0.3		MLv	2.7	14690586	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 2.7 1)																			
LJU	1.31	267.5	Pn	23:33:36.800	0.6	T__						14690587	FDSN	IR	--	ISC	iLoc	??? ???	_
LJU	1.31	267.5	Sn	23:33:54.700	-0.5	T__						14690588	FDSN	IR	--	ISC	iLoc	??? ???	_
OBKA	1.35	287.6	Sn	23:33:56.915	0.9	T__		63.2	0.32			14690589	FDSN	IR	--	ISC	iLoc	??? ???	_
OBKA	1.35	287.6	Pn	23:33:37.143	0.3	T__	7.6	0.2		MLv	2.6	14690590	FDSN	OE	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 2.6 1)																			
PLIT	1.36	204.4	Pn	23:33:37.470	0.2	T__						14690591	FDSN	IR	--	ISC	iLoc	??? ???	_
CEY	1.44	255.5	Pn	23:33:38.200	0.2	T__						14690592	FDSN	IR	--	ISC	iLoc	??? ???	_
CEY	1.44	255.5	Sn	23:33:59.200	0.9	T__						14690593	FDSN	IR	--	ISC	iLoc	??? ???	_
BLY	1.44	157.5	Pn	23:33:38.999	0.9	T__	14.7	0.3		MLv	2.8	14690594	FDSN	MN	--	BUD	iLoc	BHZ BHZ	_
BLY	1.47	158.0	Pn	23:33:39.700	1.0	T__						14690595	FDSN	IR	--	ISC	iLoc	??? ???	_
BLY	1.47	158.0	Pg	23:33:40.900	0.0	T__						14690596	FDSN	IR	--	ISC	iLoc	??? ???	_
BLY	1.47	158.0	Sn	23:34:00.400	1.6	T__						14690597	FDSN	IR	--	ISC	iLoc	??? ???	_
(Station ML : 2.8 1)																			
RIY	1.57	240.3	Pn	23:33:41.500	1.6	T__						14690598	FDSN	IR	--	ISC	iLoc	??? ???	_
RIY	1.57	240.3	Pg	23:33:41.840	-0.3	T__						14690599	FDSN	IR	--	ISC	iLoc	??? ???	_
RIY	1.57	240.3	Lg	23:34:03.600	0.2	T__						14690600	FDSN	IR	--	ISC	iLoc	??? ???	_
SOP	1.57	3.6	Pn	23:33:42.058	2.2	T__	3.5	0.1		MLv	2.5	14690601	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 2.5 1)																			
UDBI	1.65	196.2	Pn	23:33:42.260	0.5	T__						14690602	FDSN	IR	--	ISC	iLoc	??? ???	_
MGRS	1.76	164.1	Pn	23:33:44.000	1.1	T__						14690603	FDSN	IR	--	ISC	iLoc	??? ???	_

MGRS	1.76	164.1	Sn	23:34:07.200	1.1	T__					14690604	FDSN	IR	--	ISC	iLoc	??? ???	-	
CSKK	1.78	44.9	Pn	23:33:45.106	2.4	T__	21.0	0.2		MLv	2.7	14690605	FDSN	HU	--	BUD	iLoc	SHZ SHZ	-
(Station ML : 2.7 1																			
RABC	1.78	220.6	Pn	23:33:44.390	1.2	T__						14690606	FDSN	IR	--	ISC	iLoc	??? ???	-
DOB	1.82	138.7	Pn	23:33:45.400	1.9	T__						14690607	FDSN	IR	--	ISC	iLoc	??? ???	-
DOB	1.82	138.7	Sn	23:34:08.200	0.9	T__						14690608	FDSN	IR	--	ISC	iLoc	??? ???	-
CONA	1.85	348.5	Pn	23:33:44.499	0.6	T__	7.1	0.9	0.14			14690609	FDSN	IR	--	ISC	iLoc	??? ???	-
CONA	1.85	348.5	Sn	23:34:08.428	-0.0	T__		8.5	0.26			14690610	FDSN	IR	--	ISC	iLoc	??? ???	-
TRI	1.89	258.5	Pn	23:33:46.432	2.1	T__	4.0	0.1		MLv	2.6	14690611	FDSN	MN	--	BUD	iLoc	BHZ BHZ	-
(Station ML : 2.6 1																			
NVLJ	1.89	215.5	Pn	23:33:45.790	1.0	T__						14690612	FDSN	IR	--	ISC	iLoc	??? ???	-
SMRN	1.92	236.5	Pn	23:33:45.640	0.7	T__						14690613	FDSN	IR	--	ISC	iLoc	??? ???	-
MYKA	1.98	286.0	Pn	23:33:46.672	0.9	T__		1.6	0.28			14690614	FDSN	IR	--	ISC	iLoc	??? ???	-
MYKA	1.98	286.0	Sn	23:34:12.557	1.0	T__		6.2	0.28			14690615	FDSN	IR	--	ISC	iLoc	??? ???	-
KIJV	2.11	180.1	Pn	23:33:48.920	0.8	T__						14690616	FDSN	IR	--	ISC	iLoc	??? ???	-
SRO	2.14	36.8	Pn	23:33:49.702	2.0	T__	6.3	0.6		MLv	3.4	14690617	FDSN	SK	--	BUD	iLoc	EHZ EHZ	-
(Station ML : 3.4 0																			
MOA	2.27	320.5	Pn	23:33:50.421	0.8	T__	9.0	0.5	0.07			14690618	FDSN	IR	--	ISC	iLoc	??? ???	-
MOA	2.27	320.5	Sn	23:34:18.589	0.1	T__		10.3	0.32			14690619	FDSN	IR	--	ISC	iLoc	??? ???	-
MORI	2.30	192.7	Pn	23:33:51.850	0.9	T__						14690620	FDSN	IR	--	ISC	iLoc	??? ???	-
KBA	2.32	295.6	Pn	23:33:51.497	0.7	T__		4.4	0.25			14690621	FDSN	IR	--	ISC	iLoc	??? ???	-
KBA	2.32	295.6	Lg	23:34:27.865	-0.2	T__		10.4	0.32			14690622	FDSN	IR	--	ISC	iLoc	??? ???	-
DUGI	2.33	204.8	Pn	23:33:52.180	0.8	T__						14690623	FDSN	IR	--	ISC	iLoc	??? ???	-
ZIRJ	2.52	192.7	Pn	23:33:54.780	0.6	T__						14690624	FDSN	IR	--	ISC	iLoc	??? ???	-
FRGS	2.57	110.7	Pn	23:33:53.755	-0.0	T__						14690625	FDSN	IR	--	ISC	iLoc	??? ???	-
FRGS	2.57	110.7	Pg	23:33:54.000	-7.2	---						14690626	FDSN	IR	--	ISC	iLoc	??? ???	-
FRGS	2.57	110.7	Pb	23:33:55.500	-5.7	---						14690627	FDSN	IR	--	ISC	iLoc	??? ???	-
FRGS	2.57	110.7	Sn	23:34:27.000	1.5	T__						14690628	FDSN	IR	--	ISC	iLoc	??? ???	-
FRGS	2.60	111.0	x	23:33:54.167	-99.0	---	5.8	0.1		MLv		14690629	FDSN	SJ	--	BUD	iLoc	HHZ HHZ	-
RICI	2.67	168.6	Pn	23:33:56.990	0.8	T__						14690630	FDSN	IR	--	ISC	iLoc	??? ???	-
HAPS	2.71	137.5	Pn	23:33:57.000	0.8	T__						14690631	FDSN	IR	--	ISC	iLoc	??? ???	-
HAPS	2.71	137.5	Sn	23:34:29.800	0.3	T__						14690632	FDSN	IR	--	ISC	iLoc	??? ???	-
ABTA	2.77	284.6	Pn	23:33:57.559	0.8	T__		1.6	0.30			14690633	FDSN	IR	--	ISC	iLoc	??? ???	-
ABTA	2.77	284.6	Sn	23:34:33.359	2.4	T__		3.6	0.50			14690634	FDSN	IR	--	ISC	iLoc	??? ???	-
MAKA	2.86	171.1	Pn	23:33:59.590	0.7	T__						14690635	FDSN	IR	--	ISC	iLoc	??? ???	-
JAVC	2.87	16.8	Pn	23:33:58.856	0.6	T__						14690636	FDSN	CZ	--	BUD	iLoc	BHZ ???	-
JAVC	2.87	16.8	Pg	23:33:58.700	-9.3	---						14690637	FDSN	IR	--	ISC	iLoc	??? ???	-
VYHS	2.90	33.9	Pn	23:33:58.479	0.1	T__	1.7	0.0		MLv	2.3	14690638	FDSN	SK	--	BUD	iLoc	HHZ HHZ	-
(Station ML : 2.3 0																			
HVAR	2.94	179.4	Pn	23:34:01.120	0.9	T__						14690639	FDSN	IR	--	ISC	iLoc	??? ???	-
HVAR	2.94	179.4	Sn	23:34:33.010	-3.0	T__						14690640	FDSN	IR	--	ISC	iLoc	??? ???	-
KRUC	2.95	359.8	Pn	23:33:58.400	-0.5	T__						14690641	FDSN	IR	--	ISC	iLoc	??? ???	-
KRUC	2.95	359.8	Sn	23:34:33.100	-1.6	T__						14690642	FDSN	IR	--	ISC	iLoc	??? ???	-
KRUC	2.95	359.8	Pg	23:33:59.397	-9.1	---						14690643	FDSN	CZ	--	BUD	iLoc	BHZ ???	-
PSZ	2.99	51.6	Pn	23:34:00.591	0.7	T__	2.0	0.0		MLv	2.8	14690644	FDSN	GE	--	BUD	iLoc	BHZ BHZ	-
PSZ	2.99	51.6	Pg	23:33:58.498	-12.6	---						14690645	FDSN	IR	--	ISC	iLoc	??? ???	-
(Station ML : 2.8 1																			
CKRC	3.06	333.0	Pn	23:34:02.200	1.8	T__						14690646	FDSN	IR	--	ISC	iLoc	??? ???	-
CKRC	3.06	333.0	x	23:34:09.500	-99.0	---						14690647	FDSN	IR	--	ISC	iLoc	??? ???	-
BBLs	3.09	135.6	Pn	23:34:02.000	0.6	T__						14690648	FDSN	IR	--	ISC	iLoc	??? ???	-
BBLs	3.09	135.6	Pg	23:34:02.200	-9.7	---						14690649	FDSN	IR	--	ISC	iLoc	??? ???	-
BBLs	3.09	135.6	Sn	23:34:36.800	-1.4	T__						14690650	FDSN	IR	--	ISC	iLoc	??? ???	-
BBLs	3.09	135.6	Lg	23:34:39.200	-12.2	---						14690651	FDSN	IR	--	ISC	iLoc	??? ???	-

VRAC	3.20	2.2	Pn	23:34:02.900	0.5	T__				14690652	FDSN	IR	--	ISC	iLoc	???	???	-	
VRAC	3.20	2.2	Sn	23:34:38.700	-2.0	T__				14690653	FDSN	IR	--	ISC	iLoc	???	???	-	
VRAC	3.20	2.2	Lg	23:34:38.879	-15.8	---				14690654	FDSN	IR	--	ISC	iLoc	???	???	-	
VRAC	3.20	2.1	Pg	23:34:03.030	-10.1	---				14690655	FDSN	CZ	--	BUD	iLoc	BHZ	???	-	
DIVS	3.24	127.2	Pn	23:34:03.800	0.4	T__				14690656	FDSN	IR	--	ISC	iLoc	???	???	-	
DIVS	3.24	127.2	Pg	23:34:03.900	-10.4	---				14690657	FDSN	IR	--	ISC	iLoc	???	???	-	
DIVS	3.24	127.2	Sn	23:34:42.100	0.2	T__				14690658	FDSN	IR	--	ISC	iLoc	???	???	-	
DIVS	3.24	127.2	Lg	23:34:42.700	-13.6	---				14690659	FDSN	IR	--	ISC	iLoc	???	???	-	
DIVS	3.24	127.2	Pb	23:34:03.694	-10.7	---	1.6	0.1	---	MLv	3.0	14690660	FDSN	MN	--	BUD	iLoc	BHZ BHZ	-
(Station ML : 3.0 1																			
RUDO	3.27	138.8	Pn	23:34:04.000	0.3	T__				14690661	FDSN	IR	--	ISC	iLoc	???	???	-	
RUDO	3.27	138.8	Sn	23:34:43.000	0.8	T__				14690662	FDSN	IR	--	ISC	iLoc	???	???	-	
STON	3.37	163.7	Pn	23:34:06.660	0.7	T__				14690663	FDSN	IR	--	ISC	iLoc	???	???	-	
STON	3.37	163.7	Pg	23:34:06.800	-10.4	---				14690664	FDSN	IR	--	ISC	iLoc	???	???	-	
STON	3.37	163.7	Pb	23:34:07.200	-10.0	---				14690665	FDSN	IR	--	ISC	iLoc	???	???	-	
STON	3.37	163.7	Sn	23:34:45.800	-0.7	T__				14690666	FDSN	IR	--	ISC	iLoc	???	???	-	
STON	3.37	163.7	Lg	23:34:47.800	-14.7	---				14690667	FDSN	IR	--	ISC	iLoc	???	???	-	
TRUS	3.40	122.4	Pn	23:34:06.100	0.7	T__				14690668	FDSN	IR	--	ISC	iLoc	???	???	-	
WTTA	3.48	291.0	Pn	23:34:08.352	1.3	T__	4.8	2.3	0.34	---	14690669	FDSN	IR	--	ISC	iLoc	???	???	-
WATA	3.54	291.9	Sn	23:34:51.108	0.7	T__		2.2	0.32	---	14690670	FDSN	IR	--	ISC	iLoc	???	???	-
KHC	3.57	328.6	Pn	23:34:09.300	1.8	T__				14690671	FDSN	IR	--	ISC	iLoc	???	???	-	
KHC	3.57	328.6	Pg	23:34:22.500	2.5	T__				14690672	FDSN	IR	--	ISC	iLoc	???	???	-	
KHC	3.57	328.6	Sn	23:34:49.900	-0.2	T__				14690673	FDSN	IR	--	ISC	iLoc	???	???	-	
KHC	3.57	328.6	Lg	23:35:05.100	-1.9	T__				14690674	FDSN	IR	--	ISC	iLoc	???	???	-	
SIRR	3.65	85.7	Pn	23:34:07.379	-1.6	T__				14690675	FDSN	IR	--	ISC	iLoc	???	???	-	
DBRK	3.66	159.5	Pn	23:34:10.690	0.6	T__				14690676	FDSN	IR	--	ISC	iLoc	???	???	-	
BZS	3.67	96.0	Pn	23:34:08.900	-0.2	T__				14690677	FDSN	IR	--	ISC	iLoc	???	???	-	
BZS	3.67	96.0	Pn	23:34:08.909	-0.2	T__				14690678	FDSN	IR	--	ISC	iLoc	???	???	-	
TREB	3.67	157.1	Pn	23:34:10.700	0.7	T__				14690679	FDSN	IR	--	ISC	iLoc	???	???	-	
TREB	3.67	157.1	Pg	23:34:12.300	-10.1	---				14690680	FDSN	IR	--	ISC	iLoc	???	???	-	
TREB	3.67	157.1	Sn	23:34:53.700	-0.1	T__				14690681	FDSN	IR	--	ISC	iLoc	???	???	-	
IVAS	3.68	132.3	Pn	23:34:09.900	0.4	T__				14690682	FDSN	IR	--	ISC	iLoc	???	???	-	
IVAS	3.68	132.3	Sn	23:34:49.700	-2.5	T__				14690683	FDSN	IR	--	ISC	iLoc	???	???	-	
MORC	3.74	11.3	Pn	23:34:10.315	0.1	T__				14690684	FDSN	IR	--	ISC	iLoc	???	???	-	
MORC	3.74	11.3	Pg	23:34:10.500	-12.5	---				14690685	FDSN	IR	--	ISC	iLoc	???	???	-	
MORC	3.74	11.3	Sn	23:34:52.167	-2.0	T__				14690686	FDSN	IR	--	ISC	iLoc	???	???	-	
MORC	3.74	11.3	Lg	23:34:52.900	-19.0	---				14690687	FDSN	IR	--	ISC	iLoc	???	???	-	
GRUS	3.78	124.6	Pn	23:34:11.300	0.6	T__				14690688	FDSN	IR	--	ISC	iLoc	???	???	-	
SJES	3.82	137.1	Pn	23:34:12.500	0.8	T__				14690689	FDSN	IR	--	ISC	iLoc	???	???	-	
SJES	3.82	137.1	Sn	23:34:54.400	-1.7	T__				14690690	FDSN	IR	--	ISC	iLoc	???	???	-	
MDVR	3.96	107.8	Pn	23:34:13.354	-0.1	T__				14690691	FDSN	IR	--	ISC	iLoc	???	???	-	
MDVR	3.96	107.8	Sn	23:34:58.662	-1.1	T__				14690692	FDSN	IR	--	ISC	iLoc	???	???	-	
KRLC	3.97	3.5	Pn	23:34:13.700	0.4	T__				14690693	FDSN	IR	--	ISC	iLoc	???	???	-	
KRLC	3.97	3.5	Sn	23:34:58.600	-1.2	T__				14690694	FDSN	IR	--	ISC	iLoc	???	???	-	
PRU	4.07	342.8	Lg	23:35:20.600	-1.6	T__				14690695	FDSN	IR	--	ISC	iLoc	???	???	-	
RETA	4.11	291.5	Pg	23:34:30.671	0.4	T__		0.9	0.30	---	14690696	FDSN	IR	--	ISC	iLoc	???	???	-
RETA	4.11	291.5	Lg	23:35:26.298	2.5	T__		2.2	0.50	---	14690697	FDSN	IR	--	ISC	iLoc	???	???	-
DPC	4.24	359.2	Pn	23:34:18.300	1.3	T__				14690698	FDSN	IR	--	ISC	iLoc	???	???	-	
HERR	4.40	104.2	Pn	23:34:19.438	0.0	T__				14690699	FDSN	IR	--	ISC	iLoc	???	???	-	
HERR	4.40	104.2	Sn	23:35:08.140	-2.2	T__				14690700	FDSN	IR	--	ISC	iLoc	???	???	-	
DRME	4.41	152.1	Pn	23:34:19.800	-0.5	T__				14690701	FDSN	IR	--	ISC	iLoc	???	???	-	
DRME	4.41	152.1	Sn	23:35:10.400	-2.0	---				14690702	FDSN	IR	--	ISC	iLoc	???	???	-	
DRGR	4.41	78.9	Pn	23:34:18.022	-2.0	T__				14690703	FDSN	IR	--	ISC	iLoc	???	???	-	

DRGR	4.41	78.9	Sn	23:35:08.643	-2.8	T__											14690704	FDSN	IR	--	ISC	iLoc	???	???	-	
SELS	4.43	129.1	Pn	23:34:20.600	0.5	T__												14690705	FDSN	IR	--	ISC	iLoc	???	???	-
BOVS	4.51	121.5	Pn	23:34:20.800	-0.2	T__												14690706	FDSN	IR	--	ISC	iLoc	???	???	-
GZR	4.51	96.9	Pn	23:34:20.438	-0.7	T__												14690707	FDSN	IR	--	ISC	iLoc	???	???	-
GZR	4.51	96.9	Sn	23:35:12.251	-1.5	T__												14690708	FDSN	IR	--	ISC	iLoc	???	???	-
NKC	4.90	328.7	Pn	23:34:26.700	0.9	T__												14690709	FDSN	IR	--	ISC	iLoc	???	???	-
NKC	4.90	328.7	Sn	23:35:20.700	-1.4	T__												14690710	FDSN	IR	--	ISC	iLoc	???	???	-
BARS	5.08	128.5	Pn	23:34:29.600	0.4	T__												14690711	FDSN	IR	--	ISC	iLoc	???	???	-
BARS	5.08	128.5	Sn	23:35:26.300	-0.5	T__												14690712	FDSN	IR	--	ISC	iLoc	???	???	-
CLL	5.66	337.8	Lg	23:36:13.000	-1.1	T__	12.0	1.10										14690713	FDSN	IR	--	ISC	iLoc	???	???	-
SBF	6.75	253.7	Pn	23:34:49.200	-2.6	T__												14690714	FDSN	IR	--	ISC	iLoc	???	???	-
LPG	6.78	268.2	Pn	23:34:49.400	-2.9	T__												14690715	FDSN	IR	--	ISC	iLoc	???	???	-
LPG	6.78	268.2	Pg	23:34:55.000	-20.8	---												14690716	FDSN	IR	--	ISC	iLoc	???	???	-
LPL	6.79	268.4	Pn	23:34:49.800	-2.5	T__												14690717	FDSN	IR	--	ISC	iLoc	???	???	-
LPL	6.79	268.4	Pg	23:34:54.200	-21.7	---												14690718	FDSN	IR	--	ISC	iLoc	???	???	-
MBDF	6.92	261.9	Pn	23:34:51.800	-2.0	T__												14690719	FDSN	IR	--	ISC	iLoc	???	???	-
MBDF	6.92	261.9	Sn	23:36:07.000	-1.7	T__	0.2	0.36										14690720	FDSN	IR	--	ISC	iLoc	???	???	-
CABF	7.16	277.7	Pn	23:34:55.700	-2.0	T__												14690721	FDSN	IR	--	ISC	iLoc	???	???	-
FRF	7.40	253.3	Pn	23:34:57.500	-2.8	T__												14690722	FDSN	IR	--	ISC	iLoc	???	???	-
FRF	7.40	253.3	Pg	23:35:01.600	-26.0	---												14690723	FDSN	IR	--	ISC	iLoc	???	???	-
FRF	7.40	253.3	Sn	23:36:17.900	-1.6	T__	0.1	0.24										14690724	FDSN	IR	--	ISC	iLoc	???	???	-
ORIF	7.49	264.6	Pn	23:34:59.100	-2.8	T__												14690725	FDSN	IR	--	ISC	iLoc	???	???	-
ORIF	7.49	264.6	Pg	23:35:03.500	-25.5	---												14690726	FDSN	IR	--	ISC	iLoc	???	???	-
LMR	7.58	252.0	Pn	23:35:00.000	-2.8	T__												14690727	FDSN	IR	--	ISC	iLoc	???	???	-
LMR	7.58	252.0	Pg	23:35:04.400	-26.5	---												14690728	FDSN	IR	--	ISC	iLoc	???	???	-
SMRF	7.97	258.3	Pn	23:35:10.400	1.8	T__												14690729	FDSN	IR	--	ISC	iLoc	???	???	-
VIVF	8.34	265.5	Pn	23:35:11.200	-2.3	T__												14690730	FDSN	IR	--	ISC	iLoc	???	???	-
AVF	9.04	279.0	Pn	23:35:20.100	-2.7	T__												14690731	FDSN	IR	--	ISC	iLoc	???	???	-
LASF	9.11	261.6	Pn	23:35:26.000	1.9	T__												14690732	FDSN	IR	--	ISC	iLoc	???	???	-
BGF	9.40	277.6	Pn	23:35:25.500	-2.2	T__												14690733	FDSN	IR	--	ISC	iLoc	???	???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/11/07	14:33:46.10	0.36		46.1890	16.5440	0.1	0.0		6.3F	4.4	9			0.32	1.54	a	ke RHSSO	14565967	ISC			360
2015/11/07	14:33:45.90	0.83	0.49	46.2292	16.4929	5.2	2.5	93	3.0F	0.0	12		15	1.10	1.37	a	ke VIE	14565963	ISC			360
2015/11/07	14:33:45.17	0.85	0.72	46.1552	16.5276	3.7	3.0	134	5.6F	6.2	36		15	70	0.06	1.52	m	ke BUD	14690838	iLoc		118

Magnitude	Err	Nsta	Author	OrigID
ML	1.6		RHSSO	14565967
mb	1.4		VIE	14565963
ml	1.5		VIE	14565963
ML	1.8	0.1	6 BUD	14690838

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KALN	0.06	244.4	Pg	14:33:47.200	0.1					T__						14690840	FDSN	IR	--	ISC	iLoc	???	???	-	
KALN	0.06	244.4	Lg	14:33:48.150	-0.6					T__						14690841	FDSN	IR	--	ISC	iLoc	???	???	-	
LOBO	0.32	270.2	Pg	14:33:51.580	-0.2					T__						14690842	FDSN	IR	--	ISC	iLoc	???	???	-	
LOBO	0.32	270.2	Lg	14:33:55.880	-0.9					T__						14690843	FDSN	IR	--	ISC	iLoc	???	???	-	
KOGS	0.35	326.8	Pg	14:33:52.640	0.3					T__	2.8	0.4			MLv	1.9	14690844	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	-
KOGS	0.35	326.8	Lg	14:33:57.500	-0.1					T__						14690845	FDSN	SL	--	BUD	iLoc	BHN	???	-	
(Station ML : 1.9 1																									
BEHE	0.36	28.5	Pg	14:33:52.100	-0.6					T__						14690846	FDSN	IR	--	ISC	iLoc	???	???	-	

BEHE	0.36	28.5	Lg	14:33:57.300	-1.0	T__										14690847	FDSN	IR	--	ISC	iLoc	??? ???	_	
BEHE	0.36	28.5	Pb	14:33:53.450	0.8	T__	4.2	0.3								1.8	14690848	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
BEHE	0.36	28.5	Sg	14:33:59.089	0.8	T__											14690849	FDSN	HU	--	BUD	iLoc	BHE ???	_
(Station ML : 1.8 1																								
PTJ	0.46	237.7	Pg	14:33:54.851	0.5	T__	2.6	0.1								1.5	14690850	FDSN	CR	--	BUD	iLoc	BHZ BHZ	_
PTJ	0.46	237.7	Lg	14:34:01.318	-0.1	T__											14690851	FDSN	CR	--	BUD	iLoc	BHN ???	_
PTJ	0.46	237.7	Pb	14:33:54.540	-0.2	T__											14690852	FDSN	IR	--	ISC	iLoc	??? ???	_
PTJ	0.46	237.7	Sg	14:34:01.100	-1.0	T__											14690853	FDSN	IR	--	ISC	iLoc	??? ???	_
(Station ML : 1.5 0																								
ZAG	0.50	229.1	Lg	14:34:02.140	-0.6	T__											14690854	FDSN	IR	--	ISC	iLoc	??? ???	_
ZAG	0.50	229.1	Sg	14:34:03.210	0.5	T__											14690855	FDSN	CR	--	BUD	iLoc	BHE ???	_
MOSL	0.56	163.6	Pg	14:33:56.990	0.4	T__											14690856	FDSN	IR	--	ISC	iLoc	??? ???	_
MOSL	0.56	163.6	Lg	14:34:04.610	-0.5	T__											14690857	FDSN	IR	--	ISC	iLoc	??? ???	_
CRES	0.82	246.6	Pg	14:34:01.793	0.7	T__	2.0	0.2								2.2	14690858	FDSN	SL	--	BUD	iLoc	BHZ BHZ	_
CRES	0.82	246.6	Lg	14:34:13.649	0.3	T__											14690859	FDSN	SL	--	BUD	iLoc	BHZ ???	_
CRES	0.82	246.6	Pb	14:34:01.400	0.3	T__											14690860	FDSN	IR	--	ISC	iLoc	??? ???	_
CRES	0.82	246.6	Sg	14:34:13.100	-0.3	T__											14690861	FDSN	IR	--	ISC	iLoc	??? ???	_
(Station ML : 2.2 0																								
KOVH	1.10	92.9	Pn	14:34:06.277	-0.1	T__	1.8	0.0								1.6	14690862	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
KOVH	1.10	92.9	Sn	14:34:21.350	-1.5	T__											14690863	FDSN	HU	--	BUD	iLoc	BHN ???	_
(Station ML : 1.6 1																								
SOKA	1.16	297.4	Pn	14:34:07.212	-0.0	T__			0.3	0.12							14690864	FDSN	IR	--	ISC	iLoc	??? ???	_
SOKA	1.16	297.4	Lg	14:34:23.139	-0.7	T__			0.6	0.12							14690865	FDSN	IR	--	ISC	iLoc	??? ???	_
MRAK	1.17	167.0	Pn	14:34:07.400	-0.4	T__											14690866	FDSN	IR	--	ISC	iLoc	??? ???	_
MRAK	1.17	167.0	Lg	14:34:24.200	-0.7	T__											14690867	FDSN	IR	--	ISC	iLoc	??? ???	_
ARSA	1.30	328.1	Pg	14:34:09.959	-0.4	T__	2.1	0.0								1.8	14690868	FDSN	OE	--	BUD	iLoc	BHZ BHZ	_
ARSA	1.30	328.1	Sn	14:34:25.690	-1.7	T__											14690869	FDSN	OE	--	BUD	iLoc	BHN ???	_
ARSA	1.30	328.1	Pn	14:34:09.649	0.6	T__			0.9	0.25							14690870	FDSN	IR	--	ISC	iLoc	??? ???	_
(Station ML : 1.8 1																								
OBKA	1.42	285.2	Pg	14:34:12.936	0.8	T__			0.2	0.15							14690871	FDSN	IR	--	ISC	iLoc	??? ???	_
OBKA	1.42	285.2	Sn	14:34:31.027	0.2	T__			0.8	0.25							14690872	FDSN	IR	--	ISC	iLoc	??? ???	_
MORH	1.47	86.9	Pn	14:34:12.800	1.3	T__											14690873	FDSN	IR	--	ISC	iLoc	??? ???	_
MORH	1.47	86.9	Sn	14:34:32.200	0.4	T__											14690874	FDSN	IR	--	ISC	iLoc	??? ???	_
CEY	1.52	254.9	Sn	14:34:34.300	0.6	T__											14690875	FDSN	IR	--	ISC	iLoc	??? ???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/11/08	03:20:34.32	0.99	1.05	47.6725	20.3467	5.9	4.5	94	0.0A		13	9	57	0.38	1.87	m	ke BUD	14691212	iLoc			108

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	6 BUD	14691212

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BSZH	0.38	188.3	Pg	03:20:42.092	-0.8					T__	4.5	0.1		---	MLv	1.4	14691214	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	0.38	188.3	Lg	03:20:48.529	-1.2					T__				---		14691215	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.4 1																									
PSZ	0.39	309.1	Pg	03:20:42.700	-0.4					T__	1.9	0.1		---	MLv	1.2	14691216	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.39	309.1	Lg	03:20:48.795	-0.9					T__				---		14691217	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.2 0																									
KECS	0.82	6.5	Pn	03:20:52.266	0.1					T__	3.5	0.4		---	MLv	2.5	14691218	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.82	6.5	Lg	03:21:03.887	0.9					T__				---		14691219	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 2.5 0																									

AMBH	1.35	168.8	Sn	03:21:19.573	0.5	T__									14691220	FDSN	HU	--	BUD	iLoc	SHE	???	_
CRVS	1.44	30.8	Sn	03:21:21.148	-1.4	T__									14691221	FDSN	SK	--	BUD	iLoc	HHZ	???	_
CSKK	1.45	258.4	Sn	03:21:21.335	-0.3	T__									14691222	FDSN	HU	--	BUD	iLoc	SHZ	???	_
TRPA	1.54	71.9	Pg	03:21:04.456	0.4	T__	2.0	0.0					MLv	1.8	14691223	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	1.54	71.9	Sn	03:21:24.732	-0.2	T__									14691224	FDSN	HU	--	BUD	iLoc	BHE	???	_
(Station ML : 1.8 1																							
DRGR	1.84	117.8	Pn	03:21:06.899	0.0	T__	1.3	0.0					MLv	2.0	14691225	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.0 1																							
MORH	1.87	219.3	Pn	03:21:08.985	2.2	T__	1.4	0.0					MLv	2.0	14691226	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/11/08	19:49:18.60		0.30	46.4830	16.1750				8.4A							a	ke LJU	14566451	ISC			360
2015/11/08	19:49:22.40	0.00		46.5300	16.0800				15.0A		8					a	ke PRU	14566449	ISC			360
2015/11/08	19:49:19.50	0.49		46.4010	16.2780	0.1	0.0		7.2F	3.0	14			0.35	1.76	a	ke RHSSO	14566446	ISC			360
2015/11/08	19:49:18.65	0.30	0.26	46.4924	16.1826	2.0	1.2	91	15.0F	0.0	22		13	0.81	2.03	a	ke VIE	14566442	ISC			360
2015/11/08	19:49:18.24	0.75	0.63	46.4548	16.2147	3.1	2.7	172	8.4F	3.1	56	27	79	0.03	3.21	m	ke BUD	14691252	iLoc			115

Magnitude	Err	Nsta	Author	OrigID
ML	1.6		LJU	14566451
ML	1.6		RHSSO	14566446
mb	1.3		VIE	14566442
ml	1.8		VIE	14566442
ML	1.8	0.1	8 BUD	14691252

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOGS	0.03	105.1	Pb	19:49:19.824	-0.2					T__	81.6	10.3			MLv	2.4	14691254	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.03	105.2	Pg	19:49:20.610	0.6					T__						14691255	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.03	105.2	Lg	19:49:21.960	0.6					T__						14691256	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.03	105.2	x	19:49:22.380	-99.0					---		414.0	0.05			14691257	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.4 0																									
BEHE	0.39	87.5	Pg	19:49:26.500	0.1					T__						14691258	FDSN	IR	--	ISC	iLoc	???	???	_	
BEHE	0.39	87.5	Lg	19:49:31.700	-0.8					T__						14691259	FDSN	IR	--	ISC	iLoc	???	???	_	
BEHE	0.39	87.5	Pb	19:49:26.952	0.6					T__	3.6	0.3			MLv	1.8	14691260	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.39	87.5	Sg	19:49:32.784	0.3					T__						14691261	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.8 1																									
GROS	0.49	271.0	Pg	19:49:28.250	0.2					T__						14691262	FDSN	IR	--	ISC	iLoc	???	???	_	
GROS	0.49	271.0	Lg	19:49:35.050	-0.3					T__						14691263	FDSN	IR	--	ISC	iLoc	???	???	_	
GROS	0.49	271.0	x	19:49:36.830	-99.0					---		14.9	0.07			14691264	FDSN	IR	--	ISC	iLoc	???	???	_	
PTJ	0.57	197.5	Lg	19:49:38.075	-0.3					T__						14691265	FDSN	CR	--	BUD	iLoc	BHN	???	_	
DOBS	0.60	239.7	Pg	19:49:30.290	0.3					T__						14691266	FDSN	IR	--	ISC	iLoc	???	???	_	
DOBS	0.60	239.7	x	19:49:42.940	-99.0					---		14.2	0.12			14691267	FDSN	IR	--	ISC	iLoc	???	???	_	
GOLS	0.60	222.9	Pg	19:49:30.650	0.4					T__						14691268	FDSN	IR	--	ISC	iLoc	???	???	_	
GOLS	0.60	222.9	Lg	19:49:39.530	0.0					T__						14691269	FDSN	IR	--	ISC	iLoc	???	???	_	
GOLS	0.60	222.9	x	19:49:42.650	-99.0					---		14.1	0.16			14691270	FDSN	IR	--	ISC	iLoc	???	???	_	
ZAG	0.65	194.2	Pg	19:49:30.000	-1.1					T__						14691271	FDSN	IR	--	ISC	iLoc	???	???	_	
ZAG	0.65	194.2	Lg	19:49:39.500	-1.3					T__						14691272	FDSN	IR	--	ISC	iLoc	???	???	_	
GCIS	0.72	215.0	Pg	19:49:32.700	0.4					T__						14691273	FDSN	IR	--	ISC	iLoc	???	???	_	
GCIS	0.72	215.0	Lg	19:49:43.700	0.8					T__						14691274	FDSN	IR	--	ISC	iLoc	???	???	_	
GCIS	0.72	215.0	x	19:49:46.180	-99.0					---		5.6	0.20			14691275	FDSN	IR	--	ISC	iLoc	???	???	_	
PERS	0.78	283.8	Pg	19:49:33.450	0.2					T__						14691276	FDSN	IR	--	ISC	iLoc	???	???	_	
PERS	0.78	283.8	Lg	19:49:43.930	-0.3					T__						14691277	FDSN	IR	--	ISC	iLoc	???	???	_	

PERS	0.78	283.8	x	19:49:47.980	-99.0	---	72.3	0.25	---	14691278	FDSN	IR	--	ISC	iLoc	???	???	_			
LEGS	0.80	231.2	Pg	19:49:34.230	0.4	T__			---	14691279	FDSN	IR	--	ISC	iLoc	???	???	_			
LEGS	0.80	231.2	Lg	19:49:45.370	-0.2	T__			---	14691280	FDSN	IR	--	ISC	iLoc	???	???	_			
CRES	0.82	220.2	Pg	19:49:34.626	0.4	T__	2.2	0.2	---	MLv	2.3	14691281	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
CRES	0.82	220.2	Lg	19:49:46.227	-0.0	T__			---	14691282	FDSN	SL	--	BUD	iLoc	BHN	???	_			
CRES	0.82	220.2	Pb	19:49:34.300	0.0	T__			---	14691283	FDSN	IR	--	ISC	iLoc	???	???	_			
CRES	0.82	220.2	Sg	19:49:46.100	-0.2	T__			---	14691284	FDSN	IR	--	ISC	iLoc	???	???	_			
CRES	0.82	220.2	Sb	19:49:46.390	0.1	T__			---	14691285	FDSN	IR	--	ISC	iLoc	???	???	_			
CRES	0.82	220.2	x	19:49:49.080	-99.0	---		2.7	0.12	---	14691286	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 2.3 1																					
SOKA	0.85	285.7	Pg	19:49:34.527	-0.0	T__	9.5	0.1	0.06	---	14691287	FDSN	IR	--	ISC	iLoc	???	???	_		
SOKA	0.85	285.7	Lg	19:49:45.637	-0.9	T__		1.4	0.08	---	14691288	FDSN	IR	--	ISC	iLoc	???	???	_		
ARSA	0.93	329.4	Pn	19:49:37.221	0.7	T__	2.2	0.1		---	MLv	1.8	14691289	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
ARSA	0.93	329.4	Pg	19:49:35.667	-0.6	T__	16.2	0.3	0.07	---	14691290	FDSN	IR	--	ISC	iLoc	???	???	_		
ARSA	0.93	329.4	Lg	19:49:48.627	-0.6	T__		0.9	0.07	---	14691291	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 1.8 1																					
PDKS	0.93	245.4	Pg	19:49:36.480	0.3	T__				---	14691292	FDSN	IR	--	ISC	iLoc	???	???	_		
PDKS	0.93	245.4	x	19:49:51.520	-99.0	---		3.3	0.16	---	14691293	FDSN	IR	--	ISC	iLoc	???	???	_		
OBKA	1.15	273.3	Pg	19:49:40.486	0.3	T__	1.4	0.0		---	MLv	1.8	14691294	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	1.15	273.3	Pb	19:49:40.664	0.4	T__		0.2	0.15	---	14691295	FDSN	IR	--	ISC	iLoc	???	???	_		
OBKA	1.15	273.3	Lg	19:49:56.177	-0.2	T__	5.0	3.2	0.15	---	14691296	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 1.8 0																					
MPLH	1.16	51.3	Pg	19:49:40.949	-0.1	T__	1.6	0.0		---	MLv	1.8	14691297	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	1.16	51.3	Lg	19:49:57.637	0.3	T__				---	14691298	FDSN	HU	--	BUD	iLoc	BHN	???	_		
(Station ML : 1.8 1																					
KOVH	1.36	105.0	Pn	19:49:41.940	-0.8	T__	1.4	0.0		---	MLv	1.8	14691299	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.8 1																					
CEY	1.44	240.7	Pg	19:49:45.400	-0.0	T__				---	14691300	FDSN	IR	--	ISC	iLoc	???	???	_		
CEY	1.44	240.7	Lg	19:50:05.000	-0.2	T__				---	14691301	FDSN	IR	--	ISC	iLoc	???	???	_		
MRAK	1.52	161.3	Pn	19:49:46.100	0.7	T__				---	14691302	FDSN	IR	--	ISC	iLoc	???	???	_		
MRAK	1.52	161.3	Sn	19:50:05.500	-0.5	T__				---	14691303	FDSN	IR	--	ISC	iLoc	???	???	_		
PRIJ	1.52	166.6	Pn	19:49:45.200	0.0	T__				---	14691304	FDSN	IR	--	ISC	iLoc	???	???	_		
PRIJ	1.52	166.6	Sn	19:50:05.700	0.1	T__				---	14691305	FDSN	IR	--	ISC	iLoc	???	???	_		
MORH	1.70	97.2	Sn	19:50:09.900	0.2	T__				---	14691306	FDSN	IR	--	ISC	iLoc	???	???	_		
MORH	1.70	97.2	Pn	19:49:46.194	-1.2	T__	1.5	0.0		---	MLv	2.0	14691307	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.0 1																					
MYKA	1.78	276.6	Pn	19:49:48.468	-0.3	T__		0.1	0.08	---	14691308	FDSN	IR	--	ISC	iLoc	???	???	_		
MYKA	1.78	276.6	Sn	19:50:11.177	-1.1	T__		0.1	0.04	---	14691309	FDSN	IR	--	ISC	iLoc	???	???	_		
BLY	1.84	157.9	Sn	19:50:13.700	0.5	T__				---	14691310	FDSN	IR	--	ISC	iLoc	???	???	_		
MOA	1.93	317.1	Pn	19:49:49.986	-0.6	T__		0.4	0.20	---	14691311	FDSN	IR	--	ISC	iLoc	???	???	_		
MOA	1.93	317.1	Sn	19:50:15.017	-0.7	T__		1.2	0.20	---	14691312	FDSN	IR	--	ISC	iLoc	???	???	_		
KBA	2.07	288.6	Pg	19:49:57.755	-0.2	T__		0.5	0.25	---	14691313	FDSN	IR	--	ISC	iLoc	???	???	_		
KBA	2.07	288.6	Sn	19:50:18.665	-1.2	T__		0.7	0.22	---	14691314	FDSN	IR	--	ISC	iLoc	???	???	_		
CKRC	2.69	332.1	Lg	19:50:44.900	-0.1	T__				---	14691315	FDSN	IR	--	ISC	iLoc	???	???	_		
KHC	3.21	327.4	Pn	19:50:10.600	2.3	T__				---	14691316	FDSN	IR	--	ISC	iLoc	???	???	_		
KHC	3.21	327.4	Sn	19:50:47.100	0.1	T__				---	14691317	FDSN	IR	--	ISC	iLoc	???	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/11/08	22:58:55.70		0.50	45.8670	16.0340				2.8A							a	ke LJU	14566578	ISC			360
2015/11/08	22:58:57.20	0.34		45.8260	15.9810	0.0	0.0		4.1F	3.5	14			0.01	1.36	a	ke RHSSO	14566581	ISC			360
2015/11/08	22:58:55.65	0.84	0.80	45.8392	16.0273	3.6	2.9	150	5.5F	4.6	46	27	53	0.03	1.59	m	ke BUD	14691371	iLoc			95

Magnitude	Err	Nsta	Author	OrigID
ML	1.3		LJU	14566578
ML	1.6		RHSSO	14566581
ML	2.1	0.2	8 BUD	14691371

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ZAG	0.03	246.5	Lg	22:58:59.000	1.0					T__						14691373	FDSN	IR	--	ISC	iLoc	???	???	_	
ZAG	0.03	246.3	Pg	22:58:57.232	0.3					T__	96.3	9.1			MLv	2.3	14691374	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.03	246.3	Sg	22:58:58.013	-0.0					T__						14691375	FDSN	CR	--	BUD	iLoc	BHZ	???	_	
(Station ML : 2.3 1																									
PTJ	0.08	328.8	Pg	22:58:56.702	-1.0					T__	94.7	3.8			MLv	2.1	14691376	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.08	328.8	Lg	22:58:57.554	-1.7					T__						14691377	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.1 1																									
GCIS	0.28	275.9	Pg	22:59:01.330	0.0					T__						14691378	FDSN	IR	--	ISC	iLoc	???	???	_	
GCIS	0.28	275.9	Lg	22:59:05.340	-0.4					T__						14691379	FDSN	IR	--	ISC	iLoc	???	???	_	
GCIS	0.28	275.9	x	22:59:05.700	-99.0					---		16.6	0.09			14691380	FDSN	IR	--	ISC	iLoc	???	???	_	
LOBO	0.32	5.2	Pg	22:59:01.470	-0.7					T__						14691381	FDSN	IR	--	ISC	iLoc	???	???	_	
GOLS	0.33	301.5	Pg	22:59:01.930	-0.4					T__						14691382	FDSN	IR	--	ISC	iLoc	???	???	_	
GOLS	0.33	301.5	Lg	22:59:07.520	0.0					T__						14691383	FDSN	IR	--	ISC	iLoc	???	???	_	
GOLS	0.33	301.5	x	22:59:08.030	-99.0					---		13.1	0.24			14691384	FDSN	IR	--	ISC	iLoc	???	???	_	
CRES	0.40	268.3	Pg	22:59:03.641	0.1					T__	5.3	0.3			MLv	1.9	14691385	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.40	268.3	Lg	22:59:09.526	-0.2					T__						14691386	FDSN	SL	--	BUD	iLoc	BHE	???	_	
CRES	0.40	268.3	Pb	22:59:03.510	-0.0					T__						14691387	FDSN	IR	--	ISC	iLoc	???	???	_	
CRES	0.40	268.3	x	22:59:11.720	-99.0					---		14.2	0.12			14691388	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 1.9 1																									
KALN	0.42	45.5	Pg	22:59:03.280	-1.1					T__						14691389	FDSN	IR	--	ISC	iLoc	???	???	_	
OZLJ	0.45	240.5	Pg	22:59:04.960	0.5					T__						14691390	FDSN	IR	--	ISC	iLoc	???	???	_	
DOBS	0.50	308.8	Pg	22:59:05.110	-0.3					T__						14691391	FDSN	IR	--	ISC	iLoc	???	???	_	
DOBS	0.50	308.8	x	22:59:12.540	-99.0					---		8.5	0.13			14691392	FDSN	IR	--	ISC	iLoc	???	???	_	
LEGS	0.51	282.7	Pg	22:59:05.530	-0.0					T__						14691393	FDSN	IR	--	ISC	iLoc	???	???	_	
LEGS	0.51	282.7	Lg	22:59:12.990	-0.3					T__						14691394	FDSN	IR	--	ISC	iLoc	???	???	_	
MOSL	0.56	113.6	Pg	22:59:06.480	-0.5					T__						14691395	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.63	14.2	Pg	22:59:07.680	-0.5					T__						14691396	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.63	14.2	Lg	22:59:16.020	-1.3					T__						14691397	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.63	14.2	x	22:59:16.810	-99.0					---		12.4	0.16			14691398	FDSN	IR	--	ISC	iLoc	???	???	_	
KOGS	0.63	14.2	Pb	22:59:08.546	0.4					T__	3.8	0.4			MLv	2.4	14691399	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.63	14.2	Sg	22:59:15.910	-1.4					T__						14691400	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.4 0																									
BOJS	0.64	238.6	Pg	22:59:08.270	0.2					T__						14691401	FDSN	IR	--	ISC	iLoc	???	???	_	
GROS	0.72	329.8	Pg	22:59:09.030	-0.7					T__						14691402	FDSN	IR	--	ISC	iLoc	???	???	_	
PDKS	0.75	287.5	Pg	22:59:10.160	0.0					T__						14691403	FDSN	IR	--	ISC	iLoc	???	???	_	
PDKS	0.75	287.5	x	22:59:24.400	-99.0					---		4.6	0.14			14691404	FDSN	IR	--	ISC	iLoc	???	???	_	
BEHE	0.82	39.2	Lg	22:59:24.200	0.0					T__						14691405	FDSN	IR	--	ISC	iLoc	???	???	_	
BEHE	0.82	39.2	Pg	22:59:12.702	0.6					T__	3.6	0.2			MLv	2.3	14691406	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BEHE	0.82	39.2	Sg	22:59:25.502	1.3					T__						14691407	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
(Station ML : 2.3 1																									
PLIT	1.00	196.7	Pg	22:59:14.510	-0.7					T__						14691408	FDSN	IR	--	ISC	iLoc	???	???	_	
PERS	1.02	321.9	Pn	22:59:15.580	-0.1					T__						14691409	FDSN	IR	--	ISC	iLoc	???	???	_	
PERS	1.02	321.9	x	22:59:32.430	-99.0					---		5.6	0.26			14691410	FDSN	IR	--	ISC	iLoc	???	???	_	
MRAK	1.03	143.0	Pg	22:59:15.200	-0.7					T__						14691411	FDSN	IR	--	ISC	iLoc	???	???	_	
MRAK	1.03	143.0	Lg	22:59:30.600	-0.4					T__						14691412	FDSN	IR	--	ISC	iLoc	???	???	_	
LJU	1.07	281.6	Lg	22:59:30.100	-1.2					T__						14691413	FDSN	IR	--	ISC	iLoc	???	???	_	

CEY	1.12	265.4	Pg	22:59:17.100	0.3	T__									14691414	FDSN	IR	--	ISC	iLoc	??? ???	_	
CEY	1.12	265.4	Lg	22:59:31.700	-1.5	T__									14691415	FDSN	IR	--	ISC	iLoc	??? ???	_	
RIY	1.20	245.2	Pg	22:59:17.800	-0.7	T__									14691416	FDSN	IR	--	ISC	iLoc	??? ???	_	
RIY	1.20	245.2	Lg	22:59:34.300	-1.2	T__									14691417	FDSN	IR	--	ISC	iLoc	??? ???	_	
OBKA	1.23	303.6	Pn	22:59:19.352	0.6	T__	1.6	0.0						MLv	1.9	14691418	FDSN	OE	--	BUD	iLoc	BHZ BHZ	_
OBKA	1.23	303.6	Lg	22:59:35.271	-1.1	T__									14691419	FDSN	OE	--	BUD	iLoc	BHZ ???	_	
(Station ML : 1.9 0																							
BLY	1.36	142.8	Sn	22:59:40.600	0.5	T__									14691420	FDSN	IR	--	ISC	iLoc	??? ???	_	
ARSA	1.45	346.3	Pg	22:59:24.845	1.0	T__	1.8	0.1						MLv	2.0	14691421	FDSN	OE	--	BUD	iLoc	BHZ BHZ	_
ARSA	1.45	346.3	Sn	22:59:42.212	0.2	T__									14691422	FDSN	OE	--	BUD	iLoc	BHN ???	_	
(Station ML : 2.0 1																							
KOVH	1.47	79.5	Pg	22:59:24.650	-0.0	T__	1.8	0.0						MLv	2.0	14691423	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
KOVH	1.47	79.5	Sn	22:59:44.174	1.6	T__									14691424	FDSN	HU	--	BUD	iLoc	BHN ???	_	
(Station ML : 2.0 1																							
TRI	1.59	266.1	Lg	22:59:47.133	-0.2	T__									14691425	FDSN	MN	--	BUD	iLoc	BHN ???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/11/09	00:22:03.70		0.60	45.8750	16.0140				2.9A								a ke LJU	14566667	ISC			360
2015/11/09	00:22:05.00	0.26		45.8150	15.9870	0.0	0.0		3.4F	3.2	18			0.01	1.60	a ke RHSSO	14566670	ISC				360
2015/11/09	00:22:03.05	0.49	0.23	45.8918	16.0430	3.1	2.0	112	12.0F	1.9	22		13	1.05	1.40	a ke VIE	14566663	ISC				360
2015/11/09	00:22:03.34	0.77	0.74	45.8601	16.0168	3.0	2.8	23	6.7F	3.8	51	24	43	0.04	1.63	m ke BUD	14691466	iLoc				66

Magnitude	Err	Nsta	Author	OrigID
ML	1.1		LJU	14566667
ML	1.6		RHSSO	14566670
mb	1.5		VIE	14566663
ml	1.6		VIE	14566663
ML	1.9	0.1	9 BUD	14691466

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
ZAG	0.04	212.1	Pg	00:22:05.070	0.1					T__						14691468	FDSN	IR	--	ISC	iLoc	??? ???	_	
ZAG	0.04	212.1	Lg	00:22:06.460	0.3					T__						14691469	FDSN	IR	--	ISC	iLoc	??? ???	_	
ZAG	0.04	212.1	Sg	00:22:06.700	0.5					T__						14691470	FDSN	IR	--	ISC	iLoc	??? ???	_	
ZAG	0.04	212.2	Pb	00:22:04.961	0.0					T__	103.2	7.4			MLv	2.3	14691471	FDSN	CR	--	BUD	iLoc	BHZ BHZ	_
ZAG	0.04	212.2	Sb	00:22:05.749	-0.4					T__						14691472	FDSN	CR	--	BUD	iLoc	BHE ???	_	
(Station ML : 2.3 1																								
PTJ	0.06	324.3	Pg	00:22:04.543	-0.6					T__	112.3	3.0			MLv	1.9	14691473	FDSN	CR	--	BUD	iLoc	BHZ BHZ	_
PTJ	0.06	324.3	Lg	00:22:05.170	-1.4					T__						14691474	FDSN	CR	--	BUD	iLoc	BHZ ???	_	
(Station ML : 1.9 1																								
GCIS	0.27	271.6	Pg	00:22:09.150	0.3					T__						14691475	FDSN	IR	--	ISC	iLoc	??? ???	_	
GCIS	0.27	271.6	Lg	00:22:13.060	-0.1					T__						14691476	FDSN	IR	--	ISC	iLoc	??? ???	_	
GCIS	0.27	271.6	x	00:22:13.450	-99.0							12.8	0.08			14691477	FDSN	IR	--	ISC	iLoc	??? ???	_	
LOBO	0.30	7.0	Pg	00:22:09.260	-0.3					T__						14691478	FDSN	IR	--	ISC	iLoc	??? ???	_	
GOLS	0.31	299.0	Pg	00:22:09.710	-0.0					T__						14691479	FDSN	IR	--	ISC	iLoc	??? ???	_	
GOLS	0.31	299.0	x	00:22:15.900	-99.0							5.0	0.09			14691480	FDSN	IR	--	ISC	iLoc	??? ???	_	
CRES	0.39	265.2	Pg	00:22:11.393	0.3					T__	2.5	0.2			MLv	1.8	14691481	FDSN	SL	--	BUD	iLoc	BHZ BHZ	_
CRES	0.39	265.2	Lg	00:22:17.150	-0.1					T__						14691482	FDSN	SL	--	BUD	iLoc	BHZ ???	_	
CRES	0.39	265.2	Sg	00:22:17.050	-0.2					T__						14691483	FDSN	IR	--	ISC	iLoc	??? ???	_	
CRES	0.39	265.2	Sb	00:22:17.400	0.1					T__						14691484	FDSN	IR	--	ISC	iLoc	??? ???	_	
CRES	0.39	265.2	x	00:22:19.450	-99.0							10.3	0.10			14691485	FDSN	IR	--	ISC	iLoc	??? ???	_	
(Station ML : 1.8 1																								

CESS	0.40	286.5	Pg	00:22:11.770	0.5	T__									14691486	FDSN	IR	--	ISC	iLoc	??? ???	-
KALN	0.41	48.3	Pg	00:22:11.310	-0.6	T__									14691487	FDSN	IR	--	ISC	iLoc	??? ???	-
OZLJ	0.46	237.7	Pg	00:22:12.730	0.5	T__									14691488	FDSN	IR	--	ISC	iLoc	??? ???	-
MOSL	0.57	115.3	Pg	00:22:14.360	-0.6	T__									14691489	FDSN	IR	--	ISC	iLoc	??? ???	-
KOGS	0.61	15.3	Pg	00:22:16.443	0.9	T__	3.0	0.4			MLv	2.4			14691490	FDSN	SL	--	BUD	iLoc	BHZ BHZ	-
KOGS	0.61	15.3	Lg	00:22:23.872	-0.6	T__									14691491	FDSN	SL	--	BUD	iLoc	BHE ???	-
(Station ML : 2.4 0)																						
BEHE	0.81	40.6	Pg	00:22:20.400	0.9	T__									14691492	FDSN	IR	--	ISC	iLoc	??? ???	-
BEHE	0.81	40.6	Lg	00:22:32.300	0.8	T__									14691493	FDSN	IR	--	ISC	iLoc	??? ???	-
BEHE	0.81	40.6	Pn	00:22:20.624	-0.0	T__	2.4	0.2			MLv	2.2			14691494	FDSN	HU	--	BUD	iLoc	BHZ BHZ	-
BEHE	0.81	40.6	Sn	00:22:33.450	-0.9	T__									14691495	FDSN	HU	--	BUD	iLoc	BHE ???	-
(Station ML : 2.2 1)																						
PLIT	1.02	195.9	Pg	00:22:22.160	-1.1	T__									14691496	FDSN	IR	--	ISC	iLoc	??? ???	-
MRAK	1.05	143.4	Pg	00:22:23.000	-1.1	T__									14691497	FDSN	IR	--	ISC	iLoc	??? ???	-
MRAK	1.05	143.4	Lg	00:22:37.200	-2.0	T__									14691498	FDSN	IR	--	ISC	iLoc	??? ???	-
LJU	1.06	280.6	Pn	00:22:24.300	0.4	T__									14691499	FDSN	IR	--	ISC	iLoc	??? ???	-
LJU	1.06	280.6	Lg	00:22:37.600	-0.9	T__									14691500	FDSN	IR	--	ISC	iLoc	??? ???	-
SOKA	1.07	320.5	Pg	00:22:23.245	-0.5	T__			1.2	0.18					14691501	FDSN	IR	--	ISC	iLoc	??? ???	-
SOKA	1.07	320.5	Lg	00:22:38.114	-0.8	T__			1.1	0.18					14691502	FDSN	IR	--	ISC	iLoc	??? ???	-
CEY	1.12	264.3	Pn	00:22:25.100	0.3	T__									14691503	FDSN	IR	--	ISC	iLoc	??? ???	-
CEY	1.12	264.3	Lg	00:22:39.400	-1.1	T__									14691504	FDSN	IR	--	ISC	iLoc	??? ???	-
RIY	1.20	244.1	Pg	00:22:25.900	-0.3	T__									14691505	FDSN	IR	--	ISC	iLoc	??? ???	-
RIY	1.20	244.1	Lg	00:22:42.300	-0.8	T__									14691506	FDSN	IR	--	ISC	iLoc	??? ???	-
OBKA	1.21	303.0	Pn	00:22:26.775	0.7	T__			0.2	0.17					14691507	FDSN	IR	--	ISC	iLoc	??? ???	-
OBKA	1.21	303.0	Pg	00:22:27.506	1.1	T__	1.6	0.0			MLv	1.9			14691508	FDSN	OE	--	BUD	iLoc	BHZ BHZ	-
OBKA	1.21	303.0	Lg	00:22:43.072	-0.3	T__									14691509	FDSN	OE	--	BUD	iLoc	BHN ???	-
(Station ML : 1.9 1)																						
BLY	1.35	142.1	Pg	00:22:30.401	0.7	T__	1.6	0.0			MLv	1.8			14691510	FDSN	MN	--	BUD	iLoc	BHZ BHZ	-
BLY	1.35	142.1	Lg	00:22:49.054	0.8	T__									14691511	FDSN	MN	--	BUD	iLoc	BHE ???	-
BLY	1.38	143.0	Pn	00:22:29.600	1.0	T__									14691512	FDSN	IR	--	ISC	iLoc	??? ???	-
BLY	1.38	143.0	Sn	00:22:48.500	0.4	T__									14691513	FDSN	IR	--	ISC	iLoc	??? ???	-
(Station ML : 1.8 0)																						
ARSA	1.43	346.4	Pg	00:22:31.173	0.0	T__	2.0	0.0			MLv	1.9			14691514	FDSN	OE	--	BUD	iLoc	BHZ BHZ	-
ARSA	1.43	346.4	Sn	00:22:48.025	-0.9	T__									14691515	FDSN	OE	--	BUD	iLoc	BHN ???	-
ARSA	1.43	346.4	Pn	00:22:28.356	-0.7	T__			0.1	0.08					14691516	FDSN	IR	--	ISC	iLoc	??? ???	-
(Station ML : 1.9 1)																						
KOVH	1.47	80.3	Pg	00:22:32.716	0.3	T__	1.5	0.0			MLv	1.9			14691517	FDSN	HU	--	BUD	iLoc	BHZ BHZ	-
KOVH	1.47	80.3	Sn	00:22:51.177	1.1	T__									14691518	FDSN	HU	--	BUD	iLoc	BHN ???	-
(Station ML : 1.9 1)																						
TRI	1.58	265.3	Sn	00:22:53.782	0.6	T__									14691519	FDSN	MN	--	BUD	iLoc	BHN ???	-
MGRS	1.63	152.0	Pg	00:22:34.600	-0.2	T__									14691520	FDSN	IR	--	ISC	iLoc	??? ???	-
MGRS	1.63	152.0	Sn	00:22:54.900	0.6	T__									14691521	FDSN	IR	--	ISC	iLoc	??? ???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/11/10	03:21:24.18	1.24	0.86	48.6081	20.1214	7.3	5.4	71	5.0A		9	6	75	0.27	0.93	m	ke BUD	14691741	iLoc			145

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	6 BUD	14691741

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.27	117.2	Pg	03:21:29.043	-0.7					T__	3.3	0.4			MLv	1.7	14691743	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	-


```

(Station ML : 1.7 1
LANS 0.69 321.8 Pg 03:21:37.368 -0.5 T__ 1.9 0.0 ___ MLv 1.4 14691744 FDSN SK -- BUD iLoc EHZ EHZ _
LANS 0.69 321.8 Lg 03:21:46.653 -1.4 T__ ___ 14691745 FDSN SK -- BUD iLoc EHN ??? _
(Station ML : 1.4 1
PSZ 0.71 192.5 Pg 03:21:38.543 -0.5 T__ 1.5 0.1 ___ MLv 1.8 14691746 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.71 192.5 Lg 03:21:49.967 -0.1 T__ ___ 14691747 FDSN GE -- BUD iLoc BHE ??? _
(Station ML : 1.8 0
NIE 0.82 8.8 Pg 03:21:39.689 0.1 T__ 1.0 0.0 ___ MLv 1.4 14691748 FDSN PL -- BUD iLoc BHZ BHZ _
(Station ML : 1.4 1
VYHS 0.86 262.9 Pn 03:21:43.106 1.1 T__ 1.2 0.0 ___ MLv 1.3 14691749 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.86 262.9 Lg 03:21:53.826 -0.2 T__ ___ 14691750 FDSN SK -- BUD iLoc HHN ??? _
(Station ML : 1.3 0
CRVS 0.93 71.1 Pg 03:21:41.618 -0.0 T__ 1.9 0.0 ___ MLv 1.4 14691751 FDSN SK -- BUD iLoc HHZ HHZ _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/11/10	09:18:52.38	1.49	0.56	47.1004	17.9976	8.9	5.5	122	0.0S		6	3	166	0.21	0.32	m	kx BUD	14691777	iLoc			277

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.2 3 BUD 14691777

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
TIH 0.21 200.6 Pg 09:18:56.951 -0.3 T__ 6.4 0.7 ___ MLv 1.8 14691779 FDSN HU -- BUD iLoc SHZ SHZ _
TIH 0.21 200.6 Lg 09:19:01.518 0.5 T__ ___ 14691780 FDSN HU -- BUD iLoc SHZ ??? _
(Station ML : 1.8 1
CSKK 0.32 34.2 Pg 09:18:59.358 0.1 T__ 5.2 0.1 ___ MLv 1.3 14691781 FDSN HU -- BUD iLoc SHZ SHZ _
CSKK 0.32 34.2 Lg 09:19:04.487 -0.1 T__ ___ 14691782 FDSN HU -- BUD iLoc SHN ??? _
(Station ML : 1.3 1
MPLH 0.32 282.8 Pg 09:18:59.728 0.4 T__ 2.7 0.1 ___ MLv 1.2 14691783 FDSN HU -- BUD iLoc BHZ BHZ _
MPLH 0.32 282.8 Lg 09:19:03.963 -0.7 T__ ___ 14691784 FDSN HU -- BUD iLoc BHN ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/11/11	09:26:07.53	1.23	0.84	48.8541	20.5442	8.6	4.8	94	7.7F	12.6	11	7	100	0.37	1.45	m	ke BUD	14691798	iLoc			147

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.3 5 BUD 14691798

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
KECS 0.37 186.0 Pg 09:26:15.175 0.1 T__ 8.7 1.6 ___ MLv 2.5 14691800 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.37 186.0 Lg 09:26:20.765 -0.1 T__ ___ 14691801 FDSN SK -- BUD iLoc EHE ??? _
(Station ML : 2.5 0
NIE 0.59 345.1 Lg 09:26:26.460 -0.8 T__ ___ 14691802 FDSN PL -- BUD iLoc BHE ??? _
CRVS 0.61 85.1 Pg 09:26:19.673 0.6 T__ 2.8 0.0 ___ MLv 1.3 14691803 FDSN SK -- BUD iLoc HHZ HHZ _
(Station ML : 1.3 0
STHS 0.73 38.9 Lg 09:26:30.759 -1.2 T__ ___ 14691804 FDSN SK -- BUD iLoc EHE ??? _
LANS 0.77 293.1 Pn 09:26:24.949 1.0 T__ 4.2 0.1 ___ MLv 1.7 14691805 FDSN SK -- BUD iLoc EHZ EHZ _
LANS 0.77 293.1 Lg 09:26:33.388 -0.5 T__ ___ 14691806 FDSN SK -- BUD iLoc EHN ??? _
(Station ML : 1.7 1
PSZ 1.03 205.1 Pn 09:26:28.012 0.3 T__ 1.2 0.1 ___ MLv 1.9 14691807 FDSN GE -- BUD iLoc BHZ BHZ _

```

PSZ	1.03	205.1	Sn	09:26:42.863	-0.9	T__	---	14691808	FDSN	GE	--	BUD	iLoc	BHN	???	_				
(Station ML : 1.9 1)																				
OJC	1.45	340.7	Pg	09:26:35.582	0.3	T__	1.4	0.1	---	MLv	2.3	14691809	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
OJC	1.45	340.7	Sn	09:26:54.570	-0.4	T__	---	---	---	---	---	14691810	FDSN	PL	--	BUD	iLoc	BHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/11/11	11:02:04.17	1.41	0.45	47.2335	18.3568	7.8	5.0	87	0.0A		8	4	154	0.15	1.30	m	kx	BUD	14691832	iLoc		249
2015/11/11	11:02:04.40f		0.83	47.2302	18.2835f				0.0S		8		149	0.13	1.32	a	kx	BUD_GT	14759259	BUD		247

(GT info : GT2 explosion)
(locality : Iszkaszentgyörgy)

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	4 BUD	14691832
ML	1.6	0.2	4 BUD	14759259

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
CSKK	0.13	353.3	Pg	11:02:07.798	0.1					T__		0.5		---	MLv	14759501	FDSN	HU	--	BUD	BUD	SHZ	SHZ	_
CSKK	0.13	353.3	Lg	11:02:10.072	-0.3					T__				---	---	14759502	FDSN	HU	--	BUD	BUD	SHE	???	_
MPLH	0.51	263.5	Pg	11:02:15.855	0.8					T__		0.1		---	MLv	14759503	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MPLH	0.51	263.5	Lg	11:02:24.644	1.6					T__				---	---	14759504	FDSN	HU	--	BUD	BUD	BHN	???	_
MORH	1.04	166.1	Pg	11:02:25.278	-0.0					T__		0.0		---	MLv	14759505	FDSN	HU	--	BUD	BUD	BHZ	BHZ	_
MORH	1.04	166.1	Lg	11:02:39.751	-1.2					T__				---	---	14759506	FDSN	HU	--	BUD	BUD	BHN	???	_
VYHS	1.32	16.2	Pg	11:02:30.461	-0.4					T__		0.0		---	MLv	14759507	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	1.32	16.2	Lg	11:02:49.083	-0.7					T__				---	---	14759508	FDSN	SK	--	BUD	BUD	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/11/11	11:43:30.58	1.26	0.68	48.5158	19.3804	7.1	4.4	3	3.4F	13.0	12	7	116	0.36	1.75	m	ke	BUD	14691859	iLoc		174

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	5 BUD	14691859

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
VYHS	0.36	266.7	Pg	11:43:37.908	-0.1					T__	3.4	0.1		---	MLv	1.0	14691861	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.36	266.7	Lg	11:43:42.627	-0.8					T__				---	---	14691862	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Station ML : 1.0 0)																										
LANS	0.64	5.2	Pg	11:43:43.125	-0.0					T__	7.3	0.1		---	MLv	1.8	14691863	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
(Station ML : 1.8 1)																										
PSZ	0.69	149.9	Pn	11:43:45.706	-0.6					T__	2.0	0.1		---	MLv	1.8	14691864	FDSN	GE	--	BUD	iLoc	BHE	BHZ	_	
PSZ	0.69	149.9	Lg	11:43:55.657	-0.2					T__				---	---	14691865	FDSN	GE	--	BUD	iLoc	BHE	???	_		
(Station ML : 1.8 1)																										
KECS	0.74	92.1	Pg	11:43:45.538	0.4					T__	6.0	1.1		---	MLv	2.9	14691866	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
KECS	0.74	92.1	Lg	11:43:56.094	-0.0					T__				---	---	14691867	FDSN	SK	--	BUD	iLoc	EHE	???	_		
(Station ML : 2.9 0)																										
NIE	1.09	33.9	Pn	11:43:52.203	0.2					T__	1.1	0.1		---	MLv	1.8	14691868	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_	
NIE	1.09	33.9	Lg	11:44:06.286	-0.6					T__				---	---	14691869	FDSN	PL	--	BUD	iLoc	BHZ	???	_		
(Station ML : 1.8 1)																										
JAVC	1.18	287.5	Pg	11:43:55.320	1.4					T__				---	---	14691870	FDSN	CZ	--	BUD	iLoc	BHZ	???	_		
JAVC	1.18	287.5	Lg	11:44:10.591	-0.2					T__				---	---	14691871	FDSN	CZ	--	BUD	iLoc	BHE	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2015/11/13	09:42:31.14	1.41	0.92	48.4922	20.8019	10.4	4.5	150	2.9F	12.5	11	7	120	0.21	1.31	m	ke BUD	14692117	iLoc			180			
Magnitude Err Nsta Author OrigID ML 2.1 0.3 6 BUD 14692117																									
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.21	267.7	Pg	09:42:35.160	-0.3					T__	53.2	10.4		___	MLv	2.9	14692119	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	267.7	Lg	09:42:39.246	0.4					T__				___		14692120	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
(Station ML : 2.9 1																									
CRVS	0.60	46.5	Pg	09:42:42.353	-0.1					T__	1.2	0.0		___	MLv	1.1	14692121	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
CRVS	0.60	46.5	Lg	09:42:50.706	-1.5					T__				___		14692122	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
(Station ML : 1.1 0																									
PSZ	0.84	226.9	Pn	09:42:49.403	0.4					T__	2.1	0.1		___	MLv	2.0	14692123	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.84	226.9	Lg	09:43:02.178	0.7					T__				___		14692124	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.0 1																									
STHS	0.97	17.3	Pg	09:42:49.485	0.5					T__	2.5	0.1		___	MLv	2.2	14692125	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 2.2 1																									
NIE	0.98	341.0	Pn	09:42:52.088	1.0					T__	1.7	0.0		___	MLv	1.7	14692126	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.7 1																									
TRPA	1.21	106.7	Sn	09:43:12.814	-0.1					T__				___		14692127	FDSN	HU	--	BUD	iLoc	BHE	???	_	
VYHS	1.31	270.8	Pg	09:42:56.519	-0.6					T__	47.5	0.5		___	MLv	2.9	14692128	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.31	270.8	Sn	09:43:13.529	-1.1					T__				___		14692129	FDSN	SK	--	BUD	iLoc	HHN	???	_	
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp 2015/11/16 10:32:30.67 1.37 0.30 48.8542 20.4958 8.7 6.5 99 9.9F 13.3 8 5 97 0.37 1.16 m ke BUD 14692268 iLoc 192																									
Magnitude Err Nsta Author OrigID ML 1.7 0.6 4 BUD 14692268																									
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.37	181.1	Pg	10:32:38.179	-0.1					T__	11.3	2.2		___	MLv	2.7	14692270	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.37	181.1	Lg	10:32:44.052	-0.1					T__				___		14692271	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 2.7 1																									
NIE	0.58	348.1	Lg	10:32:50.002	-0.2					T__				___		14692272	FDSN	PL	--	BUD	iLoc	BHE	???	_	
CRVS	0.64	85.3	Pg	10:32:42.997	0.2					T__	2.1	0.0		___	MLv	1.2	14692273	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.2 1																									
PSZ	1.02	203.4	Pg	10:32:51.732	0.3					T__	1.8	0.1		___	MLv	2.0	14692274	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.02	203.4	Sn	10:33:06.180	0.0					T__				___		14692275	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML : 2.0 1																									
VYHS	1.16	252.5	Pg	10:32:53.770	0.3					T__	1.1	0.0		___	MLv	1.5	14692276	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.16	252.5	Sn	10:33:08.847	-0.3					T__				___		14692277	FDSN	SK	--	BUD	iLoc	HHN	???	_	
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp																									

2015/11/16 13:52:24.78 1.36 0.55 48.3292 19.8567 5.8 5.1 77 0.0S 9 5 107 0.41 1.13 m kx BUD 14692295 iLoc 214

Magnitude Err Nsta Author OrigID
ML 1.8 0.4 4 BUD 14692295

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.41	176.5	Pg	13:52:33.972	0.1					T__	3.9	0.2		---	MLv	1.8	14692297	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.41	176.5	Lg	13:52:40.405	-0.3					T__				---		14692298	FDSN	GE	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1																									
KECS	0.45	69.6	Pg	13:52:33.988	0.2					T__	13.0	2.3		---	MLv	2.9	14692299	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.45	69.6	Lg	13:52:40.711	0.0					T__				---		14692300	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Station ML : 2.9 1																									
VYHS	0.70	284.0	Pg	13:52:39.262	0.4					T__	1.6	0.0		---	MLv	1.3	14692301	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.70	284.0	Lg	13:52:48.830	-0.4					T__				---		14692302	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 1.3 1																									
LANS	0.86	342.8	Pg	13:52:42.286	0.6					T__	1.5	0.1		---	MLv	1.8	14692303	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.86	342.8	Lg	13:52:53.495	-0.8					T__				---		14692304	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Station ML : 1.8 1																									
NIE	1.13	15.3	Lg	13:53:01.857	-0.6					T__				---		14692305	FDSN	PL	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/11/17	12:47:58.70	0.30		45.4850	20.2120	0.0	0.0		0.0F	0.0	18			0.43	1.89	a	ke BEO	14567334	ISC			360
2015/11/17	12:47:57.80	0.72		45.4820	20.2280	0.1	0.0		4.6F	2.6	18			0.43	2.39	a	ke RHSSO	14567331	ISC			360
2015/11/17	12:47:56.81	0.77	1.59	45.5356	20.2417	3.5	2.7	150	8.6F	1.7	55	18	110	0.49	2.42	m	ke BUD	14692323	iLoc			121

Magnitude Err Nsta Author OrigID
ML 2.2 BEO 14567334
ML 2.5 RHSSO 14567331
ML 2.5 0.2 9 BUD 14692323

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
FRGS	0.49	219.0	Pg	12:48:06.300	-0.1					T__				---		14692325	FDSN	IR	--	ISC	iLoc	???	???	_	
FRGS	0.49	219.0	Pb	12:48:06.800	0.4					T__				---		14692326	FDSN	IR	--	ISC	iLoc	???	???	_	
FRGS	0.49	219.0	Pg	12:48:06.828	0.4					---				---		14692327	FDSN	IR	--	ISC	iLoc	???	???	_	
FRGS	0.49	219.0	Lg	12:48:12.200	-1.7					T__				---		14692328	FDSN	IR	--	ISC	iLoc	???	???	_	
FRGS	0.49	219.0	Sg	12:48:12.600	-1.3					T__				---		14692329	FDSN	IR	--	ISC	iLoc	???	???	_	
FRGS	0.49	219.0	Sg	12:48:12.696	-1.3					T__				---		14692330	FDSN	IR	--	ISC	iLoc	???	???	_	
FRGS	0.49	215.7	x	12:48:06.542	-99.0					---	7.1	0.6		---	MLv	14692331	FDSN	SJ	--	BUD	iLoc	HHZ	HHZ	_	
FRGS	0.49	215.7	x	12:48:12.460	-99.0					---				---		14692332	FDSN	SJ	--	BUD	iLoc	HHN	???	_	
BANR	0.65	103.3	Pn	12:48:12.800	2.2					---	1.6	0.6		---	MLv	2.6	14692333	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BANR	0.65	103.3	Lg	12:48:21.258	2.2					T__				---		14692334	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.6 1																									
BZS	0.97	84.7	Lg	12:48:30.391	0.9					T__				---		14692335	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	0.97	84.7	Lg	12:48:30.400	0.9					T__				---		14692336	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	0.99	84.7	Pn	12:48:16.370	1.0					T__	4.1	0.3		---	MLv	2.5	14692337	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.99	84.7	Sg	12:48:29.717	-0.3					T__				---		14692338	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.5 1																									
BLJ	1.02	222.8	Pg	12:48:16.400	0.1					T__				---		14692339	FDSN	IR	--	ISC	iLoc	???	???	_	
BLJ	1.02	222.8	Lg	12:48:30.600	-0.1					T__				---		14692340	FDSN	IR	--	ISC	iLoc	???	???	_	
TEKS	1.11	207.4	Pn	12:48:17.200	-0.1					T__				---		14692341	FDSN	IR	--	ISC	iLoc	???	???	_	
TEKS	1.11	207.4	Pg	12:48:17.500	-0.5					T__				---		14692342	FDSN	IR	--	ISC	iLoc	???	???	_	

TEKS	1.11	207.4	Lg	12:48:31.100	-2.5	T__						14692343	FDSN	IR	--	ISC	iLoc	??? ???	_
TEKS	1.11	207.4	Sg	12:48:31.200	-2.4	T__						14692344	FDSN	IR	--	ISC	iLoc	??? ???	_
SIRR	1.23	53.0	Pn	12:48:19.982	0.9	T__						14692345	FDSN	IR	--	ISC	iLoc	??? ???	_
SIRR	1.23	53.0	Sn	12:48:36.727	0.3	T__						14692346	FDSN	IR	--	ISC	iLoc	??? ???	_
SIRR	1.23	53.2	Pg	12:48:21.162	0.0	T__	1.7	0.1		MLv	2.3	14692347	FDSN	RO	--	BUD	iLoc	BHZ BHZ	_
SIRR	1.23	53.2	Lg	12:48:37.361	-1.6	T__						14692348	FDSN	RO	--	BUD	iLoc	BHN ???	_
(Station ML : 2.3 0																			
MDVR	1.29	125.4	Sn	12:48:36.602	-1.3	T__						14692349	FDSN	IR	--	ISC	iLoc	??? ???	_
MORH	1.31	301.9	Pn	12:48:21.401	1.4	T__	1.5	0.1		MLv	2.3	14692350	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
MORH	1.31	301.9	Sn	12:48:38.326	0.4	T__						14692351	FDSN	HU	--	BUD	iLoc	BHN ???	_
MORH	1.31	301.9	Pg	12:48:20.612	-1.5	T__						14692352	FDSN	IR	--	ISC	iLoc	??? ???	_
MORH	1.31	301.9	Lg	12:48:38.570	-2.4	T__						14692353	FDSN	IR	--	ISC	iLoc	??? ???	_
MORH	1.31	301.9	Sg	12:48:39.600	-1.3	T__						14692354	FDSN	IR	--	ISC	iLoc	??? ???	_
(Station ML : 2.3 1																			
TRUS	1.32	174.8	Pg	12:48:22.800	1.0	T__						14692355	FDSN	IR	--	ISC	iLoc	??? ???	_
TRUS	1.32	174.8	Sn	12:48:38.500	0.5	T__						14692356	FDSN	IR	--	ISC	iLoc	??? ???	_
DIVS	1.45	187.1	Pn	12:48:23.400	1.3	T__						14692357	FDSN	IR	--	ISC	iLoc	??? ???	_
DIVS	1.45	187.1	Pg	12:48:24.500	0.1	T__						14692358	FDSN	IR	--	ISC	iLoc	??? ???	_
DIVS	1.45	187.1	Sn	12:48:41.700	0.1	T__						14692359	FDSN	IR	--	ISC	iLoc	??? ???	_
DIVS	1.45	187.1	Lg	12:48:43.400	-0.7	T__						14692360	FDSN	IR	--	ISC	iLoc	??? ???	_
DIVS	1.45	187.1	Pb	12:48:25.182	0.8	T__	1.1	0.2		MLv	2.6	14692361	FDSN	MN	--	BUD	iLoc	BHZ BHZ	_
DIVS	1.45	187.1	Sg	12:48:42.539	-1.5	T__						14692362	FDSN	MN	--	BUD	iLoc	BHN ???	_
(Station ML : 2.6 1																			
KOVH	1.60	291.0	Pg	12:48:28.090	0.5	T__	2.4	0.1		MLv	2.4	14692363	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
KOVH	1.60	291.0	Sn	12:48:46.945	1.6	T__						14692364	FDSN	HU	--	BUD	iLoc	BHN ???	_
(Station ML : 2.4 1																			
HERR	1.67	112.3	Pn	12:48:26.171	1.0	T__						14692365	FDSN	IR	--	ISC	iLoc	??? ???	_
HERR	1.67	112.3	Sn	12:48:46.261	-0.9	T__						14692366	FDSN	IR	--	ISC	iLoc	??? ???	_
GRUS	1.68	168.2	Sn	12:48:27.400	-19.3	---						14692367	FDSN	IR	--	ISC	iLoc	??? ???	_
GRUS	1.68	168.2	Pg	12:48:50.700	22.2	---						14692368	FDSN	IR	--	ISC	iLoc	??? ???	_
HAPS	1.72	212.8	Pn	12:48:27.000	0.9	T__						14692369	FDSN	IR	--	ISC	iLoc	??? ???	_
HAPS	1.72	212.8	Sn	12:48:49.300	0.9	T__						14692370	FDSN	IR	--	ISC	iLoc	??? ???	_
BBLs	1.77	199.9	Pg	12:48:30.907	0.7	T__	1.2	0.5		MLv	3.1	14692371	FDSN	SJ	--	BUD	iLoc	BHZ BHZ	_
BBLs	1.77	199.9	Sn	12:48:52.036	3.2	T__						14692372	FDSN	SJ	--	BUD	iLoc	BHN ???	_
BBLs	1.77	200.0	Pn	12:48:28.400	1.7	T__						14692373	FDSN	IR	--	ISC	iLoc	??? ???	_
BBLs	1.77	200.0	Pb	12:48:30.700	0.2	T__						14692374	FDSN	IR	--	ISC	iLoc	??? ???	_
BBLs	1.77	200.0	Lg	12:48:50.600	-3.6	T__						14692375	FDSN	IR	--	ISC	iLoc	??? ???	_
BBLs	1.77	200.0	Sg	12:48:52.900	-1.3	T__						14692376	FDSN	IR	--	ISC	iLoc	??? ???	_
(Station ML : 3.1 0																			
GZR	1.79	93.7	Pn	12:48:27.906	1.0	T__	1.0	0.1		MLv	2.4	14692377	FDSN	RO	--	BUD	iLoc	BHZ BHZ	_
GZR	1.79	93.7	Sn	12:48:50.357	-0.1	T__						14692378	FDSN	IR	--	ISC	iLoc	??? ???	_
GZR	1.79	93.7	Lg	12:48:50.483	-5.1	T__						14692379	FDSN	RO	--	BUD	iLoc	BHE ???	_
(Station ML : 2.4 1																			
DRGR	2.13	52.9	Pn	12:48:32.671	0.7	T__						14692380	FDSN	IR	--	ISC	iLoc	??? ???	_
DRGR	2.13	52.9	Sn	12:48:58.630	-0.6	T__						14692381	FDSN	IR	--	ISC	iLoc	??? ???	_
DRGR	2.13	52.9	Pg	12:48:32.376	-5.9	---	1.4	0.1		MLv	2.6	14692382	FDSN	RO	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 2.6 1																			
BLY	2.30	251.1	Pn	12:48:35.900	1.7	T__						14692383	FDSN	IR	--	ISC	iLoc	??? ???	_
BLY	2.30	251.1	Sn	12:49:04.900	2.4	T__						14692384	FDSN	IR	--	ISC	iLoc	??? ???	_
MRAK	2.42	258.7	Pn	12:48:38.400	2.3	T__						14692385	FDSN	IR	--	ISC	iLoc	??? ???	_
MRAK	2.42	258.7	Sn	12:49:07.900	1.9	T__						14692386	FDSN	IR	--	ISC	iLoc	??? ???	_
BARS	2.94	156.8	Pn	12:48:32.600	-10.3	---						14692387	FDSN	IR	--	ISC	iLoc	??? ???	_
BARS	2.94	156.8	Sn	12:48:57.500	-20.5	---						14692388	FDSN	IR	--	ISC	iLoc	??? ???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/11/18	10:07:34.99	2.25	0.58	48.6480	19.3080	21.8	7.6	28	10.0A		6	3	229	0.35	1.10	m	ke BUD	14693106	iLoc			322

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.2	2 BUD	14693106

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.35	244.0	Pg	10:07:43.000	0.7					T__	10.5	0.2		---	MLv	1.6	14693108	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.35	244.0	Lg	10:07:47.142	-0.6					T__				---		14693109	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
PSZ	0.83	151.6	Pn	10:07:51.722	-0.2					T__	1.6	0.1		---	MLv	1.9	14693110	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.83	151.6	Lg	10:08:04.083	-0.3					T__				---		14693111	FDSN	GE	--	BUD	iLoc	BHN	???	_	
JAVC	1.10	281.6	Pn	10:07:55.559	-0.2					T__				---		14693112	FDSN	CZ	--	BUD	iLoc	BHZ	???	_	
JAVC	1.10	281.6	Sn	10:08:11.664	-0.2					T__				---		14693113	FDSN	CZ	--	BUD	iLoc	BHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2015/11/19	00:30:29.50	0.50		45.4960	21.1140	0.1	0.0		0.0F	0.0	10			0.37	1.63	a	ke BEO	14568538	ISC				360
2015/11/19	00:30:27.79	0.22	0.44	45.5480	21.0496	1.9	1.5	119	12.7F	1.5	20		144	0.18	1.91	a	ke BUC	14568535	ISC				360
2015/11/19	00:30:27.68	0.81	0.99	45.5715	21.0589	4.2	2.6	136	11.1F	8.2	47	17	51	0.20	1.91	m	ke BUD	14693116	iLoc				99

Magnitude	Err	Nsta	Author	OrigID
ML	1.7		BEO	14568538
ml	1.8		BUC	14568535
ML	2.2	0.1	9 BUD	14693116

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BANR	0.20	164.1	Lg	00:30:35.350	-0.1					T__		0.4		---		14693118	FDSN	IR	--	ISC	iLoc	???	???	_	
BANR	0.20	163.7	Pg	00:30:31.626	-0.5					T__	6.0	0.5		---	MLv	1.6	14693119	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.6 1																									
TIM	0.20	34.5	Pg	00:30:32.943	0.7					T__				---		14693120	FDSN	IR	--	ISC	iLoc	???	???	_	
TIM	0.20	34.5	Pg	00:30:32.943	0.7					T__		0.5		---		14693121	FDSN	IR	--	ISC	iLoc	???	???	_	
TIM	0.20	34.5	Lg	00:30:36.383	0.7					T__		0.5		---		14693122	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	0.39	83.2	Pg	00:30:35.100	-0.6					T__				---		14693123	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	0.39	83.2	Pg	00:30:35.100	-0.6					T__		0.1		---		14693124	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	0.39	83.2	Lg	00:30:41.300	-0.4					T__				---		14693125	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	0.41	83.2	Pb	00:30:35.876	-0.2					T__	3.6	0.1		---	MLv	1.4	14693126	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.41	83.2	Sg	00:30:42.248	0.0					T__				---		14693127	FDSN	RO	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.4 0																									
SIRR	0.81	31.1	Pg	00:30:43.472	-0.7					T__	5.7	0.2		---	MLv	2.3	14693128	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.81	31.1	Lg	00:30:54.956	-1.4					T__				---		14693129	FDSN	RO	--	BUD	iLoc	BHZ	???	_	
(Station ML : 2.3 1																									
AMBH	0.81	343.5	Pn	00:30:44.201	0.5					T__	1.9	0.2		---	MLv	2.2	14693130	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 2.2 1																									
SIRR	0.81	30.9	Pb	00:30:43.814	-0.4					T__				---		14693131	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.81	30.9	Sg	00:30:55.590	-0.7					T__				---		14693133	FDSN	IR	--	ISC	iLoc	???	???	_	
MDVR	0.92	149.4	Pg	00:30:44.512	-1.2					T__				---		14693134	FDSN	IR	--	ISC	iLoc	???	???	_	
MDVR	0.92	149.4	Pg	00:30:44.512	-1.2					T__		0.1		---		14693135	FDSN	IR	--	ISC	iLoc	???	???	_	
MDVR	0.92	149.4	Lg	00:30:57.386	-1.1					T__		0.1		---		14693136	FDSN	IR	--	ISC	iLoc	???	???	_	

FRGS	0.97	243.6	Pg	00:30:46.422	0.1	T__	2.1	0.1	---	MLv	2.0	14693137	FDSN	SJ	--	BUD	iLoc	HHZ	HHZ	_
FRGS	0.97	245.3	Pb	00:30:45.763	-0.5	T__			---			14693138	FDSN	IR	--	ISC	iLoc	???	???	_
FRGS	0.97	245.3	Lg	00:31:00.126	-0.4	T__			---			14693140	FDSN	IR	--	ISC	iLoc	???	???	_
FRGS	0.97	245.3	Sg	00:31:00.500	0.0	T__			---			14693141	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.0 1																				
HERR	1.18	125.3	Sn	00:31:06.392	0.8	T__			---			14693142	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.22	97.8	Pn	00:30:50.638	1.1	T__	3.1	0.1	---	MLv	2.3	14693144	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.22	97.8	Sn	00:31:07.118	0.2	T__		0.1	---			14693145	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.22	97.8	Lg	00:31:07.607	-0.5	T__			---			14693146	FDSN	RO	--	BUD	iLoc	BHZ	???	_
(Station ML : 2.3 1																				
DEV	1.33	75.6	Pg	00:30:53.339	0.3	T__	2.4	0.1	---	MLv	2.1	14693147	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DEV	1.33	75.6	Sn	00:31:11.368	2.2	T__			---			14693148	FDSN	RO	--	BUD	iLoc	BHN	???	_
DEV	1.33	75.8	Pn	00:30:52.346	1.5	T__			---			14693149	FDSN	IR	--	ISC	iLoc	???	???	_
DEV	1.33	75.8	Lg	00:31:11.538	-0.4	T__			---			14693151	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.1 1																				
TRUS	1.43	199.2	Pg	00:30:55.000	0.3	T__			---			14693152	FDSN	IR	--	ISC	iLoc	???	???	_
TRUS	1.43	199.2	Sn	00:31:12.300	1.2	T__			---			14693153	FDSN	IR	--	ISC	iLoc	???	???	_
DIVS	1.66	207.6	Pg	00:30:59.200	-0.0	T__			---			14693154	FDSN	IR	--	ISC	iLoc	???	???	_
DIVS	1.66	207.6	Lg	00:31:20.600	-0.7	T__			---			14693155	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	1.68	42.7	Pn	00:30:56.946	0.7	T__			---			14693156	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	1.68	42.7	Sn	00:31:19.136	0.4	T__			---			14693158	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	1.68	42.7	Pg	00:30:57.067	-3.4	T__	2.0	0.1	---	MLv	2.2	14693159	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.2 1																				
GRUS	1.70	188.4	Pg	00:30:58.900	-0.9	T__			---			14693160	FDSN	IR	--	ISC	iLoc	???	???	_
GRUS	1.70	188.4	Lg	00:31:20.900	-1.1	T__			---			14693161	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	1.81	291.8	Pn	00:30:57.995	0.4	T__	1.5	0.1	---	MLv	2.3	14693162	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.3 0																				
LOT	1.91	92.7	Sn	00:31:25.780	1.1	T__			---			14693163	FDSN	IR	--	ISC	iLoc	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/11/19	01:50:17.92	0.21	0.41	45.5317	21.0854	1.8	1.4	89	14.7F	1.4	18	95		0.15	1.88	a	ke BUC	14568624	ISC			360
2015/11/19	01:50:17.46	1.02	0.63	45.5461	21.0560	4.7	3.9	96	13.8F	8.0	31	13	85	0.17	1.91	m	ke BUD	14693209	iLoc			131

Magnitude	Err	Nsta	Author	OrigID
ml	1.7		BUC	14568624
ML	1.9 0.2	6	BUD	14693209

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BANR	0.17	161.1	Lg	01:50:24.883	-0.1					T__						14693211	FDSN	IR	--	ISC	iLoc	???	???	_	
BANR	0.17	160.7	Pg	01:50:21.271	-0.5					T__	1.8	0.2		---	MLv	1.1	14693212	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.1 1																									
TIM	0.22	31.2	Lg	01:50:27.149	0.7					T__						14693213	FDSN	IR	--	ISC	iLoc	???	???	_	
TIM	0.22	31.2	Lg	01:50:27.149	0.7					T__		0.2		---		14693214	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	0.40	79.6	Lg	01:50:31.812	0.0					T__						14693215	FDSN	IR	--	ISC	iLoc	???	???	_	
BZS	0.42	79.7	Pg	01:50:25.678	-0.3					T__	1.7	0.0		---	MLv	1.1	14693216	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.1 0																									
SIRR	0.83	30.3	Pn	01:50:33.830	0.2					T__	3.2	0.1		---	MLv	2.0	14693217	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
SIRR	0.83	30.3	Sn	01:50:44.698	-1.8					T__				---		14693218	FDSN	RO	--	BUD	iLoc	BHZ	???	_	
SIRR	0.84	30.1	Pg	01:50:34.546	0.1					T__				---		14693219	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.84	30.1	Lg	01:50:45.334	-1.5					T__				---		14693221	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.0 1																									

AMBH	0.84	344.1	Lg	01:50:47.094	-0.1	T__									14693222	FDSN	IR	--	ISC	iLoc	???	???	_	
MDVR	0.89	148.5	Pg	01:50:35.140	0.0	T__									14693224	FDSN	IR	--	ISC	iLoc	???	???	_	
MDVR	0.89	148.5	Lg	01:50:47.667	0.0	T__									14693226	FDSN	IR	--	ISC	iLoc	???	???	_	
FRGS	0.96	246.6	Lg	01:50:49.871	-0.0	T__									14693227	FDSN	IR	--	ISC	iLoc	???	???	_	
HERR	1.17	124.2	Pg	01:50:39.416	-0.4	T__									14693229	FDSN	IR	--	ISC	iLoc	???	???	_	
HERR	1.17	124.2	Sn	01:50:54.597	-0.0	T__									14693231	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	1.22	96.6	Pg	01:50:40.266	-0.6	T__	1.7	0.1					MLv	1.9	14693232	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
GZR	1.22	96.6	Sn	01:50:56.788	0.6	T__									14693233	FDSN	IR	--	ISC	iLoc	???	???	_	
GZR	1.22	96.6	Lg	01:50:57.166	-0.7	T__									14693234	FDSN	RO	--	BUD	iLoc	BHZ	???	_	
(Station ML	:	1.9	1																					
DEV	1.33	74.5	Pg	01:50:42.819	-0.1	T__	1.7	0.1					MLv	2.1	14693235	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML	:	2.1	1																					
DRGR	1.70	42.1	Pn	01:50:46.556	0.5	T__									14693236	FDSN	IR	--	ISC	iLoc	???	???	_	
DRGR	1.70	42.1	Sn	01:51:09.169	0.6	T__									14693238	FDSN	IR	--	ISC	iLoc	???	???	_	
MORH	1.81	292.5	Pn	01:50:47.254	0.0	T__	0.9	0.1					MLv	2.3	14693239	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_	
(Station ML	:	2.3	0																					
LOT	1.91	92.0	Sn	01:51:14.825	0.8	T__									14693240	FDSN	IR	--	ISC	iLoc	???	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/11/19	15:39:34.40	0.20	0.28	47.4672	18.5719	2.2	1.0	20	1.2F	1.1	14		198	0.31	2.41	a	ke IPEC	14568945	ISC			360
2015/11/19	15:39:36.50	0.00		47.5800	18.6100				10.0A		17					a	ke PRU	14568948	ISC			360
2015/11/19	15:39:35.30	0.97	1.11	47.4892	18.6710	4.2	3.2	169	10.4F	10.4	44	24	49	0.24	3.77	m	ke BUD	14693643	iLoc			64

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		IPEC	14568945
ML	2.7	0.1	17 BUD	14693643

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BUD	0.24	91.2	Pg	15:39:40.394	-0.4					T__	81.3	5.6			MLv	2.7	14693645	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BUD	0.24	91.2	Lg	15:39:44.197	-0.7					T__						14693646	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML	:	2.7	1																						
CSKK	0.31	245.8	Pg	15:39:41.297	-0.6					T__	246.3	5.8			MLv	2.9	14693647	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.31	245.8	Lg	15:39:46.057	-0.7					T__						14693648	FDSN	HU	--	BUD	iLoc	SHZ	???	_	
(Station ML	:	2.9	1																						
SRO	0.40	323.4	Pg	15:39:43.451	-0.2					T__	12.6	6.8			MLv	3.3	14693649	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML	:	3.3	0																						
MPLH	0.83	247.9	Pn	15:39:51.608	-0.2					T__	10.3	0.5			MLv	2.7	14693650	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.83	247.9	Lg	15:40:03.669	0.1					T__						14693651	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML	:	2.7	1																						
EGYH	0.91	265.9	Pg	15:39:54.069	0.6					T__	10.0	1.3			MLv	3.1	14693652	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML	:	3.1	0																						
PSZ	0.93	62.1	Pn	15:39:53.192	-0.2					T__	7.9	0.4			MLv	2.7	14693653	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.93	62.1	Sn	15:40:06.551	-1.1					T__						14693654	FDSN	GE	--	BUD	iLoc	BHE	???	_	
(Station ML	:	2.7	1																						
VYHS	1.01	6.2	Pn	15:39:54.667	0.3					T__	8.0	0.2			MLv	2.3	14693655	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.01	6.2	Sn	15:40:08.226	-0.9					T__						14693656	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML	:	2.3	0																						
BSZH	1.10	99.3	Pn	15:39:56.196	0.6					T__	2.9	0.3			MLv	2.6	14693657	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Station ML	:	2.6	1																						
ZST	1.27	304.4	Pn	15:39:58.324	0.3					T__	1.3	2.5			MLv	3.6	14693658	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	1.27	304.4	Sn	15:40:15.405	-0.1					T__						14693659	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2015/11/23	09:11:39.31	1.53	0.78	48.4086	19.1394	7.7	7.2	179	1.3F	19.7	7	4	117	0.22	1.20	m	ke	BUD	14694055	iLoc		200			
Magnitude Err Nsta Author OrigID																									
ML	1.6	0.1	3	BUD	14694055																				
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.22	293.1	Pg	09:11:44.008	0.1					T__	12.5	0.1		___	MLv	0.9	14694057	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.22	293.1	Lg	09:11:47.015	-0.2					T__				---			14694058	FDSN	SK	--	BUD	iLoc	HHN	???	

```

(Station ML : 0.9 1
PSZ 0.70 133.9 Pn 09:11:55.194 -0.3 T__ 2.3 0.1 ___ MLv 1.6 14694059 FDSN GE -- BUD iLoc BHZ BHZ _
PSZ 0.70 133.9 Lg 09:12:04.589 -0.5 T__ ___ 14694060 FDSN GE -- BUD iLoc BHN ??? _
(Station ML : 1.6 1
LANS 0.77 16.2 Pg 09:11:55.367 0.9 T__ 3.3 0.0 ___ MLv 1.6 14694061 FDSN SK -- BUD iLoc EHZ EHZ _
LANS 0.77 16.2 Lg 09:12:05.126 -0.8 T__ ___ 14694062 FDSN SK -- BUD iLoc EHE ??? _
(Station ML : 1.6 1
CSKK 1.20 209.8 Lg 09:12:20.868 0.2 T__ ___ 14694063 FDSN HU -- BUD iLoc SHZ ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/11/23	11:05:35.67	0.27	0.42	46.1177	21.7217	3.9	1.8	105	12.6F	3.0	10	158		0.15	1.34	a	ke BUC	14569552	ISC			360
2015/11/23	11:05:35.56	0.93	1.00	46.1264	21.7533	6.0	3.8	83	3.4F	11.7	20	5 146		0.15	1.35	m	ke BUD	14694077	iLoc			215

```

Magnitude Err Nsta Author OrigID
ml 1.1 BUC 14569552
ML 1.4 0.4 4 BUD 14694077

```

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
SIRR	0.15	335.7	Pg	11:05:39.272	0.2					T__	15.8	0.4			___ MLv 1.3	14694079	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_		
SIRR	0.15	335.7	Lg	11:05:41.426	-0.4					T__					___	14694080	FDSN	RO	--	BUD	iLoc	BHE	???	_		
SIRR	0.16	335.3	Pb	11:05:39.397	0.3					T__					___	14694081	FDSN	IR	--	ISC	iLoc	???	???	_		
SIRR	0.16	335.3	Pb	11:05:39.397	0.3					T__		0.2			___	14694082	FDSN	IR	--	ISC	iLoc	???	???	_		
SIRR	0.16	335.3	Sg	11:05:41.599	-0.2					T__		0.2			___	14694083	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 1.3 1																										
BZS	0.51	188.9	Pg	11:05:45.983	0.3					T__	1.1	0.0			___ MLv 1.1	14694084	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_		
BZS	0.51	188.9	Lg	11:05:52.925	-0.3					T__					___	14694085	FDSN	RO	--	BUD	iLoc	BHN	???	_		
(Station ML : 1.1 1																										
DRGR	0.94	44.5	Pg	11:05:55.045	0.8					T__					___	14694086	FDSN	IR	--	ISC	iLoc	???	???	_		
DRGR	0.94	44.5	Lg	11:06:07.556	-1.8					T__					___	14694088	FDSN	IR	--	ISC	iLoc	???	???	_		
DRGR	0.94	44.5	Pn	11:05:55.799	1.1					T__	3.4	0.1			___ MLv 1.8	14694089	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_		
DRGR	0.94	44.5	Sg	11:06:07.314	-2.0					T__					___	14694090	FDSN	RO	--	BUD	iLoc	BHN	???	_		
(Station ML : 1.8 1																										
GZR	1.03	135.3	Pg	11:05:55.531	0.3					T__					___	14694091	FDSN	IR	--	ISC	iLoc	???	???	_		
GZR	1.03	135.3	Pn	11:05:57.506	1.9					T__	2.1	0.0			___ MLv 1.6	14694093	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_		
GZR	1.03	135.3	Lg	11:06:09.423	-0.4					T__					___	14694094	FDSN	IR	--	ISC	iLoc	???	???	_		
GZR	1.03	135.3	Sg	11:06:09.800	-0.1					T__					___	14694095	FDSN	RO	--	BUD	iLoc	BHE	???	_		
(Station ML : 1.6 1																										
MDVR	1.35	181.2	Pn	11:06:00.349	0.1					T__					___	14694096	FDSN	IR	--	ISC	iLoc	???	???	_		
MDVR	1.35	181.2	Sn	11:06:18.298	-1.4					T__					___	14694098	FDSN	IR	--	ISC	iLoc	???	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/11/24	09:04:15.22	0.36	0.62	46.2617	21.6867	3.0	2.6	110	5.0A		11	130		0.02	1.66	a	ke BUC	14569583	ISC			360
2015/11/24	09:04:14.73	1.32	1.03	46.3050	21.6860	11.8	4.0	120	2.4F	9.3	20	6 209		0.04	1.69	m	ke BUD	14694118	iLoc			273

```

Magnitude Err Nsta Author OrigID
ml 1.8 BUC 14569583
ML 1.8 0.4 4 BUD 14694118

```

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
SIRR	0.04	205.9	Lg	09:04:16.701	-0.4					T__		7.6		---		14694120	FDSN	IR	--	ISC	iLoc	???	???	_	
SIRR	0.04	201.8	Pg	09:04:16.223	0.2					T__	276.4	6.5		---	MLv	2.2	14694121	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.2 1																									
BZS	0.69	182.7	Pg	09:04:28.765	0.5					T__	1.5	0.0		---	MLv	1.4	14694122	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
BZS	0.69	182.7	Lg	09:04:38.607	0.4					T__				---			14694123	FDSN	RO	--	BUD	iLoc	BHE	???	_
BZS	0.69	184.0	Pb	09:04:28.144	-0.1					T__				---			14694124	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	0.69	184.0	Sg	09:04:37.380	-0.9					T__				---			14694126	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 1.4 1																									
DRGR	0.86	55.1	Pn	09:04:33.173	0.3					T__				---			14694127	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.86	55.1	Lg	09:04:44.364	-1.4					T__				---			14694129	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.86	55.1	Pg	09:04:33.711	1.8					T__	1.6	0.0		---	MLv	1.6	14694130	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
DRGR	0.86	55.1	Sg	09:04:44.224	-1.5					T__				---			14694131	FDSN	RO	--	BUD	iLoc	BHE	???	_
(Station ML : 1.6 1																									
GZR	1.19	139.7	Pn	09:04:37.936	0.7					T__	3.1	0.1		---	MLv	2.0	14694132	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
GZR	1.19	139.7	Lg	09:04:53.247	-1.2					T__				---			14694133	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.19	139.7	Sg	09:04:55.672	1.3					T__				---			14694134	FDSN	RO	--	BUD	iLoc	BHZ	???	_
(Station ML : 2.0 1																									
MDVR	1.52	179.3	Pn	09:04:43.009	0.9					T__				---			14694135	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.52	179.3	Sn	09:05:02.238	-1.3					T__				---			14694137	FDSN	IR	--	ISC	iLoc	???	???	_
LOT	1.69	119.7	Sn	09:05:07.297	-0.7					T__				---			14694138	FDSN	IR	--	ISC	iLoc	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/11/24	10:59:19.35	2.22	0.71	48.4599	19.3573	10.2	5.1	2	0.1F	4.8	8	5	129	0.35	1.19	m	ke BUD	14694158	iLoc			188

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.7	4 BUD	14694158

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.35	275.8	Pg	10:59:26.553	0.1					T__	3.4	0.0		---	MLv	0.8	14694160	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.35	275.8	Lg	10:59:31.549	-0.2					T__				---			14694161	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 0.8 1																									
PSZ	0.65	146.2	Pg	10:59:32.548	-0.6					T__	1.7	0.1		---	MLv	1.7	14694162	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	0.65	146.2	Lg	10:59:44.638	1.2					T__				---			14694163	FDSN	GE	--	BUD	iLoc	BHN	???	_
(Station ML : 1.7 1																									
KECS	0.75	87.8	Pg	10:59:34.307	0.1					T__	4.8	0.9		---	MLv	2.9	14694164	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.75	87.8	Lg	10:59:45.135	-0.4					T__				---			14694165	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Station ML : 2.9 1																									
NIE	1.15	32.9	Pg	10:59:40.904	0.0					T__	2.3	0.0		---	MLv	1.7	14694166	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.7 1																									
JAVC	1.19	290.3	Pg	10:59:42.769	-0.2					T__				---			14694167	FDSN	CZ	--	BUD	iLoc	BHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/11/26	12:51:01.43	1.64	0.44	45.5517	17.3655	7.1	5.8	134	5.9F	12.0	11	6	136	0.74	1.37	m	ke BUD	14694510	iLoc			229

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.5	5 BUD	14694510

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.74	43.5	Pg	12:51:16.458	-0.0					T__	2.2	0.1		---	MLv	1.8	14694512	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.74	43.5	Sn	12:51:29.646	-0.6					T__				---		14694513	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.8 0																									
BLY	0.77	189.7	Pg	12:51:16.391	-0.2					T__	1.9	0.2		---	MLv	2.1	14694514	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
BLY	0.77	189.7	Sn	12:51:31.220	0.1					T__				---		14694515	FDSN	MN	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.1 1																									
PTJ	1.04	290.5	Lg	12:51:36.743	-0.2					T__				---		14694516	FDSN	CR	--	BUD	iLoc	BHN	???	_	
MORH	1.11	52.9	Pg	12:51:23.242	-0.2					T__	1.7	0.0		---	MLv	1.8	14694517	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.11	52.9	Sn	12:51:39.347	0.2					T__				---		14694518	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1																									
KOGS	1.19	319.5	Pg	12:51:24.689	-0.0					T__	1.5	0.5		---	MLv	2.8	14694519	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.19	319.5	Sn	12:51:41.264	0.0					T__				---		14694520	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.8 1																									
CRES	1.37	282.3	Pn	12:51:26.921	0.5					T__	1.7	0.4		---	MLv	2.9	14694521	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.37	282.3	Sn	12:51:45.262	-0.7					T__				---		14694522	FDSN	SL	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/11/29	14:51:42.58	0.44	0.96	47.3759	18.2182	3.1	1.6	13	8.2F	5.9	17	5	1.68	1.83	a	ke	VIE	14570177	ISC			360
2015/11/29	14:51:42.16	0.99	1.26	47.3286	18.2449	5.3	4.0	164	9.6F	3.6	24	14	92	0.04	2.13	m	ke	BUD	iLoc			111

Magnitude	Err	Nsta	Author	OrigID
mb	2.2		VIE	14570177
ml	1.8		VIE	14570177
ML	2.0	0.3	9 BUD	14694680

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.04	17.1	Pg	14:51:44.085	-0.2					T__	413.1	9.1		---	MLv	2.4	14694682	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.04	17.1	Lg	14:51:45.162	-0.8					T__				---		14694683	FDSN	HU	--	BUD	iLoc	SHE	???	_	
(Station ML : 2.4 1																									
SRO	0.49	5.4	Lg	14:51:59.662	0.3					T__				---		14694684	FDSN	SK	--	BUD	iLoc	EHN	???	_	
MPLH	0.51	252.0	Pg	14:51:53.002	0.5					T__	2.5	0.1		---	MLv	1.8	14694685	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.51	252.0	Lg	14:52:00.942	0.8					T__				---		14694686	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.8 1																									
BUD	0.55	73.4	Pg	14:51:53.735	0.0					T__	3.4	0.1		---	MLv	2.0	14694687	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
BUD	0.55	73.4	Lg	14:52:00.653	-1.2					T__				---		14694688	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 2.0 1																									
EGYH	0.63	278.4	Lg	14:52:05.070	1.2					T__				---		14694689	FDSN	HU	--	BUD	iLoc	SHN	???	_	
MORH	1.15	166.0	Pn	14:52:04.097	1.0					T__	1.7	0.1		---	MLv	1.9	14694690	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.15	166.0	Sn	14:52:18.978	-0.5					T__				---		14694691	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.9 1																									
SOP	1.20	287.9	Sn	14:52:20.772	0.0					T__				---		14694692	FDSN	HU	--	BUD	iLoc	BHE	???	_	
MODS	1.23	328.4	Pg	14:52:05.997	-0.5					T__	2.2	1.1		---	MLv	3.2	14694693	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 3.2 0																									
VYHS	1.23	18.6	Pg	14:52:05.526	-1.0					T__	2.1	0.0		---	MLv	1.6	14694694	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.23	18.6	Sn	14:52:21.456	-0.1					T__				---		14694695	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 1.6 0																									
KOVH	1.24	184.6	Pn	14:52:05.801	1.2					T__	1.0	0.1		---	MLv	1.9	14694696	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	1.24	184.6	Sn	14:52:21.699	-0.5					T__				---		14694697	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.9 1																									
PSZ	1.26	61.5	Pg	14:52:06.583	-1.3					T__	2.1	0.1		---	MLv	2.2	14694698	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_

PSZ	1.26	61.5	Sn	14:52:23.806	1.0	T__									14694699	FDSN	GE	--	BUD	iLoc	BHE	???	_
(Station ML : 2.2 1																							
CONA	1.72	291.3	Pn	14:52:12.234	0.9	T__		0.5	0.26	---					14694700	FDSN	IR	--	ISC	iLoc	???	???	_
CONA	1.72	291.3	Lg	14:52:39.082	0.6	T__		7.0	0.82	---					14694701	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	1.85	268.6	Pn	14:52:14.508	1.5	T__	1.4	0.1		---	MLv	2.5			14694702	FDSN	OE	--	BUD	iLoc	BHE	BHZ	_
ARSA	1.85	268.6	Pg	14:52:14.104	-3.9	T__		0.4	0.22	---					14694703	FDSN	IR	--	ISC	iLoc	???	???	_
ARSA	1.85	268.6	Lg	14:52:41.537	-1.0	T__		0.9	0.35	---					14694704	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.5 1																							
KRUC	2.13	325.2	Pn	14:52:17.718	0.8	T__				---					14694705	FDSN	CZ	--	BUD	iLoc	BHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/03	10:04:16.53	0.35	0.30	48.4293	17.3289	3.0	1.3	106	0.0F	0.0	8		40	1.10	1.10	a	ke VIE	14570670	ISC			360
2015/12/03	10:04:16.90	0.97	0.36	48.4011	17.2435	5.9	4.8	98	3.0F	9.0	16	9	76	0.04	1.39	m	ke BUD	14695002	iLoc			115

Magnitude	Err	Nsta	Author	OrigID
mb	1.9		VIE	14570670
ml	2.3		VIE	14570670
M	2.4	5	BUD	14695002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
MODS	0.04	141.5	Pg	10:04:17.608	-0.5					T__						14695004	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.04	141.5	Lg	10:04:19.712	0.5					T__						14695005	FDSN	SK	--	BUD	iLoc	HHE	???	_
ZST	0.23	204.7	Pg	10:04:21.804	0.1					T__						14695006	FDSN	SK	--	BUD	iLoc	HHZ	???	_
JAVC	0.54	31.6	Pg	10:04:28.163	0.4					T__						14695007	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
JAVC	0.54	31.6	Pb	10:04:27.500	-0.3					T__						14695008	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	0.54	31.6	Lg	10:04:36.200	0.5					T__						14695009	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	0.87	320.0	Pg	10:04:33.200	-0.1					T__						14695010	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	0.87	320.0	Pb	10:04:33.421	0.2					T__						14695011	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
KRUC	0.87	320.0	Lg	10:04:45.781	0.2					T__						14695012	FDSN	CZ	--	BUD	iLoc	BHN	???	_
VRAC	1.00	334.9	Pn	10:04:36.693	-0.2					T__						14695013	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
CONA	1.04	243.4	Pn	10:04:37.332	-0.2					T__						14695014	FDSN	OE	--	BUD	iLoc	BHZ	???	_
CONA	1.04	243.4	Sn	10:04:53.332	-0.1					T__		23.9	0.48			14695015	FDSN	IR	--	ISC	iLoc	???	???	_
VYHS	1.06	84.4	Pg	10:04:38.153	0.0					T__						14695016	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MPLH	1.25	170.7	Pn	10:04:40.625	0.3					T__						14695017	FDSN	HU	--	BUD	iLoc	BHZ	???	_
MORC	1.39	8.0	Pg	10:04:42.935	-0.1					T__						14695018	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
MORC	1.39	8.0	Pb	10:04:42.600	-0.5					T__						14695019	FDSN	IR	--	ISC	iLoc	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/03	10:52:48.57	0.23	0.54	45.6902	21.5412	2.0	1.8	96	11.2F	2.1	16		86	0.10	1.37	a	ke BUC	14570685	ISC			360
2015/12/03	10:52:48.34	0.84	1.00	45.7007	21.5205	4.0	3.4	120	11.4F	6.6	32	9	90	0.11	1.37	m	ke BUD	14695020	iLoc			123

Magnitude	Err	Nsta	Author	OrigID
ml	1.8		BUC	14570685
M	2.0	4	BUD	14695020

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
BZS	0.11	141.2	Pg	10:52:51.617	0.2					T__						14695022	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	0.11	141.2	Pg	10:52:51.617	0.2					T__		0.6				14695023	FDSN	IR	--	ISC	iLoc	???	???	_

BZS	0.11	141.2	Lg	10:52:53.690	-0.1	T__	0.6	---	14695024	FDSN	IR	--	ISC	iLoc	??? ???	_
BZS	0.12	134.3	Pb	10:52:51.273	-0.3	T__		---	14695025	FDSN	RO	--	BUD	iLoc	BHZ ???	_
BZS	0.12	134.3	Sg	10:52:53.469	-0.5	T__		---	14695026	FDSN	RO	--	BUD	iLoc	BHN ???	_
TIM	0.21	279.8	Lg	10:52:56.825	0.0	T__		---	14695027	FDSN	IR	--	ISC	iLoc	??? ???	_
TIM	0.21	279.8	Lg	10:52:56.825	0.0	T__	0.5	---	14695028	FDSN	IR	--	ISC	iLoc	??? ???	_
BANR	0.42	220.4	Lg	10:53:03.114	0.0	T__		---	14695029	FDSN	RO	--	BUD	iLoc	BHN ???	_
BANR	0.42	220.5	Pg	10:52:56.290	-0.5	T__	0.2	---	14695031	FDSN	IR	--	ISC	iLoc	??? ???	_
BANR	0.42	220.5	Pg	10:52:56.290	-0.5	T__		---	14695030	FDSN	IR	--	ISC	iLoc	??? ???	_
BANR	0.42	220.5	Sg	10:53:02.955	-0.1	T__	0.2	---	14695032	FDSN	IR	--	ISC	iLoc	??? ???	_
SIRR	0.57	9.9	Pg	10:53:00.146	-0.1	T__		---	14695033	FDSN	RO	--	BUD	iLoc	BHZ ???	_
SIRR	0.57	9.9	Lg	10:53:08.190	-0.9	T__		---	14695034	FDSN	RO	--	BUD	iLoc	BHE ???	_
SIRR	0.58	9.7	Sg	10:53:07.582	-1.5	T__		---	14695035	FDSN	IR	--	ISC	iLoc	??? ???	_
MDVR	0.93	171.5	Pg	10:53:05.576	-1.0	T__		---	14695036	FDSN	IR	--	ISC	iLoc	??? ???	_
MDVR	0.93	171.5	Lg	10:53:18.676	-1.0	T__		---	14695038	FDSN	IR	--	ISC	iLoc	??? ???	_
GZR	0.93	108.8	Pn	10:53:06.992	0.8	T__		---	14695039	FDSN	IR	--	ISC	iLoc	??? ???	_
GZR	0.93	108.8	Pn	10:53:06.992	0.8	T__	0.1	---	14695040	FDSN	IR	--	ISC	iLoc	??? ???	_
GZR	0.93	108.8	Pg	10:53:07.096	0.7	T__		---	14695041	FDSN	RO	--	BUD	iLoc	BHZ ???	_
GZR	0.93	108.8	Lg	10:53:19.624	0.0	T__	0.1	---	14695042	FDSN	IR	--	ISC	iLoc	??? ???	_
GZR	0.93	108.8	Sg	10:53:19.730	0.2	T__		---	14695043	FDSN	RO	--	BUD	iLoc	BHE ???	_
HERR	1.04	142.0	Pn	10:53:08.456	0.9	T__		---	14695044	FDSN	IR	--	ISC	iLoc	??? ???	_
HERR	1.04	142.0	Lg	10:53:21.696	-0.7	T__		---	14695046	FDSN	IR	--	ISC	iLoc	??? ???	_
FRGS	1.32	246.3	Lg	10:53:32.257	-0.1	T__		---	14695047	FDSN	IR	--	ISC	iLoc	??? ???	_
DRGR	1.37	36.7	Pn	10:53:14.438	1.8	T__		---	14695049	FDSN	IR	--	ISC	iLoc	??? ???	_
DRGR	1.37	36.7	Sn	10:53:31.888	0.1	T__		---	14695051	FDSN	IR	--	ISC	iLoc	??? ???	_
DRGR	1.37	36.7	Pg	10:53:15.520	0.2	T__		---	14695052	FDSN	RO	--	BUD	iLoc	BHN ???	_
DRGR	1.37	36.7	Lg	10:53:32.619	-3.2	T__		---	14695053	FDSN	RO	--	BUD	iLoc	BHN ???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/03	12:13:37.19	1.26	0.61	46.8234	17.5499	16.1	5.8	67	10.0A		8	6	162	0.35	1.59	m	ke BUD	14695054	iLoc			193

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	5 BUD	14695054

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MPLH	0.35	358.8	Pg	12:13:43.878	-0.6					T__	2.4	0.3		---	MLv	1.8	14695056	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.35	358.8	Lg	12:13:50.937	1.0					T__				---		14695057	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 1.8 1																									
EGYH	0.61	346.0	Lg	12:13:59.018	0.5					T__				---		14695058	FDSN	HU	--	BUD	iLoc	SHE	???	_	
CSKK	0.73	41.7	Pn	12:13:52.066	-0.3					T__	2.9	0.0		---	MLv	0.4	14695059	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 0.4 0																									
KOVH	0.83	152.5	Pn	12:13:53.720	-0.2					T__	1.0	0.1		---	MLv	1.7	14695060	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
KOVH	0.83	152.5	Sn	12:14:07.207	0.2					T__				---		14695061	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 1.7 1																									
MORH	0.97	128.4	Pg	12:13:56.255	-0.2					T__	1.1	0.2		---	MLv	2.2	14695062	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.2 1																									
CONA	1.59	314.6	Pn	12:14:04.571	-0.1					T__	1.2	0.1		---	MLv	2.4	14695063	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
------	------	-----	-----	----------	-----------	------	------	----	-------	-----	------	------	-----	-------	-------	------	--------	--------	-----	-------	-----	-----

2015/12/03 13:38:57.95 1.19 0.57 47.1463 17.8581 14.5 6.6 151 11.9F 21.1 7 4 135 0.22 1.08 m ke BUD 14695085 iLoc 240

Magnitude Err Nsta Author OrigID
M 1.6 4 BUD 14695085

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
MPLH	0.22	276.4	Pg	13:39:03.236	0.3					T__						14695087	FDSN	HU	--	BUD	iLoc	BHZ	???	_
MPLH	0.22	276.4	Lg	13:39:06.169	-0.6					T__						14695088	FDSN	HU	--	BUD	iLoc	BHE	???	_
CSKK	0.35	51.5	Pg	13:39:05.344	-0.0					T__						14695089	FDSN	HU	--	BUD	iLoc	SHZ	???	_
CSKK	0.35	51.5	Lg	13:39:10.717	-0.2					T__						14695090	FDSN	HU	--	BUD	iLoc	SHN	???	_
KOVH	1.07	171.0	Pg	13:39:19.408	0.1					T__						14695091	FDSN	HU	--	BUD	iLoc	BHN	???	_
KOVH	1.07	171.0	Sn	13:39:32.713	-0.6					T__						14695092	FDSN	HU	--	BUD	iLoc	BHN	???	_
MORH	1.08	149.5	Pn	13:39:18.156	0.5					T__						14695093	FDSN	HU	--	BUD	iLoc	BHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/04	06:36:36.10		0.50	46.1270	16.5490				7.9A							a	ke LJU	14571151	ISC			360
2015/12/04	06:36:38.20	0.44		46.0700	16.5640	0.1	0.0		5.4F	3.1	12			0.46	1.69	a	ke RHSSO	14571154	ISC			360
2015/12/04	06:36:36.04	0.67	0.46	46.1939	16.5389	3.9	2.7	100	8.0F	0.0	14		39	1.15	1.27	a	ke VIE	14571147	ISC			360
2015/12/04	06:36:35.97	0.95	0.83	46.1400	16.5477	3.4	3.1	150	6.1F	7.6	51	27	69	0.37	3.37	m	ke BUD	14695094	iLoc			75

Magnitude Err Nsta Author OrigID
ML 1.9 LJU 14571151
ML 2.0 RHSSO 14571154
mb 1.7 VIE 14571147
ml 2.1 VIE 14571147
M 2.3 7 BUD 14695094

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
KOGS	0.37	326.3	x	06:36:50.780	-99.0					---		90.5	0.16	---		14695096	FDSN	IR	--	ISC	iLoc	???	???	_
KOGS	0.37	326.3	Pg	06:36:43.934	0.4					T__				---		14695097	FDSN	SL	--	BUD	iLoc	BHZ	???	_
KOGS	0.37	326.3	Lg	06:36:49.318	0.2					T__				---		14695098	FDSN	SL	--	BUD	iLoc	BHE	???	_
PTJ	0.47	240.3	Pg	06:36:45.419	0.1					T__				---		14695099	FDSN	CR	--	BUD	iLoc	BHZ	???	_
PTJ	0.47	240.3	Lg	06:36:51.665	-0.7					T__				---		14695100	FDSN	CR	--	BUD	iLoc	BHZ	???	_
PTJ	0.47	240.2	Sg	06:36:51.960	-1.1					T__				---		14695101	FDSN	IR	--	ISC	iLoc	???	???	_
ZAG	0.50	231.5	Pg	06:36:46.260	0.3					T__				---		14695102	FDSN	IR	--	ISC	iLoc	???	???	_
ZAG	0.50	231.5	Pb	06:36:47.300	1.4					T__				---		14695103	FDSN	IR	--	ISC	iLoc	???	???	_
ZAG	0.50	231.5	Lg	06:36:53.390	-0.2					T__				---		14695104	FDSN	IR	--	ISC	iLoc	???	???	_
ZAG	0.50	231.5	Sg	06:36:53.500	-0.0					T__				---		14695105	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	0.55	164.6	Pg	06:36:46.780	-0.3					T__				---		14695106	FDSN	IR	--	ISC	iLoc	???	???	_
MOSL	0.55	164.6	Lg	06:36:53.170	-2.2					T__				---		14695107	FDSN	IR	--	ISC	iLoc	???	???	_
GOLS	0.66	259.0	Pg	06:36:48.960	0.1					T__				---		14695108	FDSN	IR	--	ISC	iLoc	???	???	_
GCIS	0.70	247.3	Pg	06:36:49.680	0.1					T__				---		14695109	FDSN	IR	--	ISC	iLoc	???	???	_
GCIS	0.70	247.3	x	06:37:03.880	-99.0					---		20.6	0.15	---		14695110	FDSN	IR	--	ISC	iLoc	???	???	_
DOBS	0.75	271.1	Pg	06:36:50.410	-0.1					T__				---		14695111	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	0.82	248.0	Pg	06:36:51.973	-0.0					T__				---		14695112	FDSN	SL	--	BUD	iLoc	BHZ	???	_
CRES	0.82	248.0	Pb	06:36:52.100	0.1					T__				---		14695113	FDSN	IR	--	ISC	iLoc	???	???	_
CRES	0.82	248.0	Lg	06:37:04.500	0.1					T__				---		14695114	FDSN	IR	--	ISC	iLoc	???	???	_
OZLJ	0.92	235.6	Pg	06:36:54.100	0.4					T__				---		14695115	FDSN	IR	--	ISC	iLoc	???	???	_
OZLJ	0.92	235.6	Lg	06:37:07.140	0.0					T__				---		14695116	FDSN	IR	--	ISC	iLoc	???	???	_
KOVH	1.08	92.2	Pn	06:36:57.735	0.8					T__				---		14695117	FDSN	HU	--	BUD	iLoc	BHZ	???	_
KOVH	1.08	92.2	Sn	06:37:12.448	-0.7					T__				---		14695118	FDSN	HU	--	BUD	iLoc	BHN	???	_

SOKA	1.18	297.7	Pn	06:36:57.748	-0.5	T__	0.6	0.16	---	14695119	FDSN	IR	--	ISC	iLoc	???	???	-
SOKA	1.18	297.7	Lg	06:37:13.504	-1.7	T__	23.9	0.38	---	14695120	FDSN	IR	--	ISC	iLoc	???	???	-
MPLH	1.24	33.2	Pn	06:36:59.541	0.5	T__			---	14695121	FDSN	HU	--	BUD	iLoc	BHZ	???	-
ARSA	1.32	328.0	Pn	06:37:00.051	-0.0	T__			---	14695122	FDSN	OE	--	BUD	iLoc	BHZ	???	-
ARSA	1.32	328.0	Sn	06:37:18.454	-0.2	T__	6.8	0.22	---	14695123	FDSN	IR	--	ISC	iLoc	???	???	-
EGYH	1.39	22.6	Lg	06:37:23.169	0.6	T__			---	14695124	FDSN	HU	--	BUD	iLoc	SHE	???	-
PLIT	1.42	207.6	Sn	06:37:21.110	-0.8	T__			---	14695125	FDSN	IR	--	ISC	iLoc	???	???	-
BLY	1.42	161.5	Pg	06:37:04.604	0.9	T__			---	14695126	FDSN	MN	--	BUD	iLoc	BHZ	???	-
BLY	1.42	161.5	Sn	06:37:22.419	0.8	T__			---	14695127	FDSN	MN	--	BUD	iLoc	BHE	???	-
MORH	1.46	86.3	Pg	06:37:04.900	0.2	T__			---	14695128	FDSN	IR	--	ISC	iLoc	???	???	-
MORH	1.46	86.3	Sn	06:37:23.700	1.5	T__			---	14695129	FDSN	IR	--	ISC	iLoc	???	???	-
MORH	1.46	86.3	Pb	06:37:04.284	-0.5	T__			---	14695130	FDSN	HU	--	BUD	iLoc	BHN	???	-
MORH	1.46	86.3	Lg	06:37:24.359	-0.7	T__			---	14695131	FDSN	HU	--	BUD	iLoc	BHN	???	-
BLY	1.46	161.9	Pn	06:37:03.500	1.1	T__			---	14695132	FDSN	IR	--	ISC	iLoc	???	???	-
BLY	1.46	161.9	Sn	06:37:22.200	-0.3	T__			---	14695133	FDSN	IR	--	ISC	iLoc	???	???	-
CEY	1.53	255.6	Pg	06:37:06.000	1.2	T__			---	14695134	FDSN	IR	--	ISC	iLoc	???	???	-
CEY	1.53	255.6	Lg	06:37:26.200	-0.1	T__			---	14695135	FDSN	IR	--	ISC	iLoc	???	???	-
MGRS	1.76	167.4	Pn	06:37:09.000	2.2	T__			---	14695136	FDSN	IR	--	ISC	iLoc	???	???	-
MGRS	1.76	167.4	Sn	06:37:30.300	0.2	T__			---	14695137	FDSN	IR	--	ISC	iLoc	???	???	-
CONA	1.85	345.6	Pg	06:37:11.875	-0.3	T__			---	14695138	FDSN	OE	--	BUD	iLoc	BHZ	???	-
SMRN	2.01	237.6	Pn	06:37:10.560	0.4	T__			---	14695139	FDSN	IR	--	ISC	iLoc	???	???	-
MORI	2.35	195.0	Pn	06:37:15.300	-0.2	T__			---	14695140	FDSN	IR	--	ISC	iLoc	???	???	-
MORI	2.35	195.0	Sn	06:37:44.070	-1.0	T__			---	14695141	FDSN	IR	--	ISC	iLoc	???	???	-
DUGI	2.39	206.7	Pn	06:37:16.480	0.3	T__			---	14695142	FDSN	IR	--	ISC	iLoc	???	???	-
DUGI	2.39	206.7	Sn	06:37:47.310	1.1	T__			---	14695143	FDSN	IR	--	ISC	iLoc	???	???	-
ZIRJ	2.57	194.8	Pn	06:37:18.540	-0.1	T__			---	14695144	FDSN	IR	--	ISC	iLoc	???	???	-
ZIRJ	2.57	194.8	Sn	06:37:50.110	-0.4	T__			---	14695145	FDSN	IR	--	ISC	iLoc	???	???	-
RICI	2.68	170.8	Pn	06:37:19.920	-0.2	T__			---	14695146	FDSN	IR	--	ISC	iLoc	???	???	-
STON	3.37	165.4	Pn	06:37:28.420	-1.4	T__			---	14695147	FDSN	IR	--	ISC	iLoc	???	???	-
STON	3.37	165.4	Sn	06:38:09.660	-0.7	T__			---	14695148	FDSN	IR	--	ISC	iLoc	???	???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/04	09:03:29.75	1.21	1.02	48.6989	19.2362	6.9	5.3	114	0.0A		8	5	146	0.34	1.01	m	ke	BUD	14695477	iLoc		228

Magnitude	Err	Nsta	Author	OrigID	
MLv	1.5	0.4	4	BUD	14695477

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
VYHS	0.34	232.5	Pg	09:03:36.597	-0.0					T__						14695479	FDSN	SK	--	BUD	iLoc	HHZ	???	-
VYHS	0.34	232.5	Lg	09:03:41.294	-0.4					T__						14695480	FDSN	SK	--	BUD	iLoc	HHE	???	-
IZAB	0.34	112.2	Lg	09:03:42.266	0.5					T__						14695481	FDSN	SK	--	BUD	iLoc	EHN	???	-
LANS	0.48	18.6	Pg	09:03:38.891	-0.3					T__						14695482	FDSN	SK	--	BUD	iLoc	EHZ	???	-
LANS	0.48	18.6	Lg	09:03:44.955	-1.3					T__						14695483	FDSN	SK	--	BUD	iLoc	EHN	???	-
PSZ	0.90	150.4	Pg	09:03:48.203	-0.4					T__						14695484	FDSN	GE	--	BUD	iLoc	BHZ	???	-
PSZ	0.90	150.4	Lg	09:04:01.159	-1.3					T__						14695485	FDSN	GE	--	BUD	iLoc	BHN	???	-
NIE	1.01	44.1	Pn	09:03:51.537	1.1					T__						14695486	FDSN	PL	--	BUD	iLoc	BHZ	???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
------	------	-----	-----	----------	-----------	------	------	----	-------	-----	------	------	-----	-------	-------	------	--------	--------	-----	-------	-----	-----

2015/12/07 13:46:08.03	0.22	0.48	45.9909	22.8235	1.7	1.6	91	6.9F	1.7	21	76	0.12	2.32	a	ke BUC	14571961	ISC	360	
2015/12/07 13:46:07.30	0.84	0.88	46.0103	22.8210	3.9	3.2	67	5.6F	7.5	38	13	75	0.13	2.30	m	ke BUD	14695733	iLoc	141

Magnitude	Err	Nsta	Author	OrigID
ml	2.0		BUC	14571961
M	1.9	5	BUD	14695733

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
DEV	0.13	156.4	Pg	13:46:09.717	-0.4					T__						14695735	FDSN	RO	--	BUD	iLoc	BHZ	???	_
DEV	0.13	156.4	Lg	13:46:13.122	0.9					T__						14695736	FDSN	RO	--	BUD	iLoc	BHN	???	_
DEV	0.14	155.6	Sg	13:46:13.398	1.1					T__		0.7				14695737	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	0.62	182.9	Pg	13:46:19.095	-0.2					T__						14695738	FDSN	RO	--	BUD	iLoc	BHZ	???	_
GZR	0.62	182.9	Pb	13:46:19.244	-0.1					T__						14695739	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	0.62	182.9	Pb	13:46:19.244	-0.1					T__		0.1				14695740	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	0.62	182.9	Lg	13:46:27.935	-0.3					T__						14695741	FDSN	RO	--	BUD	iLoc	BHN	???	_
GZR	0.62	182.9	Sg	13:46:28.256	0.0					T__		0.1				14695742	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.79	354.5	Pg	13:46:23.394	0.4					T__						14695743	FDSN	RO	--	BUD	iLoc	BHZ	???	_
DRGR	0.79	354.5	Lg	13:46:32.987	-2.8					T__						14695744	FDSN	RO	--	BUD	iLoc	BHN	???	_
SIRR	0.84	288.0	Pg	13:46:24.256	-0.2					T__						14695745	FDSN	RO	--	BUD	iLoc	BHZ	???	_
SIRR	0.84	288.0	Lg	13:46:37.461	0.2					T__						14695746	FDSN	RO	--	BUD	iLoc	BHN	???	_
SIRR	0.85	288.1	Pb	13:46:25.135	0.7					T__		0.1				14695748	FDSN	IR	--	ISC	iLoc	???	???	_
SIRR	0.85	288.1	Pb	13:46:25.135	0.7					T__						14695747	FDSN	IR	--	ISC	iLoc	???	???	_
SIRR	0.85	288.1	Sg	13:46:35.897	-1.4					T__		0.1				14695749	FDSN	IR	--	ISC	iLoc	???	???	_
LOT	0.87	129.9	Lg	13:46:36.368	-0.4					T__		0.1				14695750	FDSN	IR	--	ISC	iLoc	???	???	_
LOT	0.87	130.0	Pg	13:46:24.270	0.1					T__						14695751	FDSN	RO	--	BUD	iLoc	BHZ	???	_
LOT	0.87	130.0	Sg	13:46:34.319	-2.6					T__						14695752	FDSN	RO	--	BUD	iLoc	BHN	???	_
CJR	0.89	37.1	Lg	13:46:38.242	-0.3					T__						14695753	FDSN	IR	--	ISC	iLoc	???	???	_
CJR	0.89	37.1	Lg	13:46:38.242	-0.3					T__		0.1				14695754	FDSN	IR	--	ISC	iLoc	???	???	_
HERR	1.16	194.3	Pn	13:46:29.689	0.5					T__						14695755	FDSN	IR	--	ISC	iLoc	???	???	_
HERR	1.16	194.3	Pn	13:46:29.689	0.5					T__		0.1				14695756	FDSN	IR	--	ISC	iLoc	???	???	_
HERR	1.16	194.3	Sn	13:46:46.572	0.1					T__		0.1				14695757	FDSN	IR	--	ISC	iLoc	???	???	_
ARR	1.42	116.2	Sn	13:46:53.815	0.0					T__						14695758	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.46	212.8	Pg	13:46:35.111	-0.5					T__						14695760	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.46	212.8	Pg	13:46:35.111	-0.5					T__		0.1				14695761	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.46	212.8	Sn	13:46:54.467	0.4					T__		0.1				14695762	FDSN	IR	--	ISC	iLoc	???	???	_
ARCR	1.51	44.0	Sn	13:46:56.184	0.5					T__						14695763	FDSN	IR	--	ISC	iLoc	???	???	_
ARCR	1.51	44.0	Sn	13:46:56.184	0.5					T__		0.1				14695764	FDSN	IR	--	ISC	iLoc	???	???	_
VOIR	1.66	109.4	Pn	13:46:37.182	0.4					T__						14695765	FDSN	IR	--	ISC	iLoc	???	???	_
VOIR	1.66	109.4	Sn	13:46:59.675	-0.4					T__						14695767	FDSN	IR	--	ISC	iLoc	???	???	_
MLR	2.25	102.2	Pn	13:46:45.961	0.5					T__						14695768	FDSN	IR	--	ISC	iLoc	???	???	_
MLR	2.25	102.2	Sn	13:47:15.396	-0.0					T__						14695770	FDSN	IR	--	ISC	iLoc	???	???	_
BURAR	2.30	44.8	Sn	13:47:17.143	1.4					T__						14695771	FDSN	IR	--	ISC	iLoc	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/07	13:54:57.13	0.23	0.50	45.9638	22.8047	1.8	1.7	62	2.0A		16	77		0.10	2.24	a	ke BUC	14572044	ISC			360
2015/12/07	13:54:56.18	0.87	0.95	46.0074	22.7741	3.9	3.1	82	2.7F	9.2	32	10	77	0.15	2.28	m	ke BUD	14695773	iLoc			145

Magnitude	Err	Nsta	Author	OrigID
ml	1.9		BUC	14572044
MLv	1.9	0.1	3 BUD	14695773

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
DEV	0.15	144.3	Lg	13:55:02.126	0.9					T__						14695775	FDSN	RO	--	BUD	iLoc	BHE	???	_
DEV	0.15	144.0	Pg	13:54:59.327	0.2					T__						14695776	FDSN	IR	--	ISC	iLoc	???	???	_
DEV	0.15	144.0	Pg	13:54:59.327	0.2					T__		0.2				14695777	FDSN	IR	--	ISC	iLoc	???	???	_
DEV	0.15	144.0	Sg	13:55:00.469	-1.0					T__		0.2				14695778	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	0.61	179.8	Pg	13:55:08.720	0.6					T__						14695779	FDSN	RO	--	BUD	iLoc	BHZ	???	_
GZR	0.61	179.8	Lg	13:55:15.498	-1.5					T__		0.1				14695780	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	0.61	179.8	Sg	13:55:18.007	1.1					T__						14695781	FDSN	RO	--	BUD	iLoc	BHE	???	_
DRGR	0.79	356.8	Pg	13:55:13.564	1.7					T__						14695782	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	0.79	356.8	Pb	13:55:11.818	-0.1					T__						14695784	FDSN	RO	--	BUD	iLoc	BHN	???	_
DRGR	0.79	356.8	Lg	13:55:21.378	-3.2					T__						14695785	FDSN	RO	--	BUD	iLoc	BHE	???	_
SIRR	0.81	288.9	Pg	13:55:12.498	-0.2					T__						14695786	FDSN	RO	--	BUD	iLoc	BHZ	???	_
SIRR	0.81	288.9	Lg	13:55:25.081	-0.0					T__						14695787	FDSN	RO	--	BUD	iLoc	BHN	???	_
SIRR	0.82	289.0	Pb	13:55:12.661	-0.1					T__		0.1				14695789	FDSN	IR	--	ISC	iLoc	???	???	_
SIRR	0.82	289.0	Pb	13:55:12.661	-0.1					T__						14695788	FDSN	IR	--	ISC	iLoc	???	???	_
SIRR	0.82	289.0	Sg	13:55:24.973	-0.2					T__		0.1				14695790	FDSN	IR	--	ISC	iLoc	???	???	_
LOT	0.89	128.4	Lg	13:55:25.911	-0.5					T__						14695791	FDSN	IR	--	ISC	iLoc	???	???	_
CJR	0.91	38.6	Lg	13:55:27.664	-0.5					T__						14695793	FDSN	RO	--	BUD	iLoc	BHN	???	_
CJR	0.91	38.6	Sg	13:55:28.657	0.5					T__						14695794	FDSN	IR	--	ISC	iLoc	???	???	_
CJR	0.91	38.6	Sg	13:55:28.657	0.5					T__		0.1				14695795	FDSN	IR	--	ISC	iLoc	???	???	_
HERR	1.15	192.7	Pg	13:55:18.401	0.2					T__						14695796	FDSN	IR	--	ISC	iLoc	???	???	_
HERR	1.15	192.7	Pg	13:55:18.401	0.2					T__		0.1				14695797	FDSN	IR	--	ISC	iLoc	???	???	_
HERR	1.15	192.7	Lg	13:55:34.483	0.3					T__		0.1				14695798	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.44	211.8	Lg	13:55:44.744	0.2					T__						14695799	FDSN	IR	--	ISC	iLoc	???	???	_
VOIR	1.69	108.9	Pn	13:55:26.714	0.3					T__						14695801	FDSN	IR	--	ISC	iLoc	???	???	_
VOIR	1.69	108.9	Sn	13:55:49.660	-0.6					T__						14695803	FDSN	IR	--	ISC	iLoc	???	???	_
MLR	2.28	102.0	Pn	13:55:35.512	0.4					T__						14695804	FDSN	IR	--	ISC	iLoc	???	???	_
MLR	2.28	102.0	Sn	13:56:04.361	-1.3					T__						14695806	FDSN	IR	--	ISC	iLoc	???	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/08	11:19:25.35	1.30	1.67	48.7187	20.4633	9.5	6.7	123	21.9F	10.5	10	6	146	0.24	1.50	m	ke BUD	14695807	iLoc			227

Magnitude	Err	Nsta	Author	OrigID
-----------	-----	------	--------	--------

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KECS	0.24	176.4	Pg	11:19:31.888	0.4					T__						14695809	FDSN	SK	--	BUD	iLoc	EHZ	???	_
KECS	0.24	176.4	Lg	11:19:35.923	-0.1					T__						14695810	FDSN	SK	--	BUD	iLoc	EHN	???	_
CRVS	0.68	74.1	Pn	11:19:38.996	-0.3					T__						14695811	FDSN	SK	--	BUD	iLoc	HHZ	???	_
CRVS	0.68	74.1	Lg	11:19:47.231	-2.6					T__						14695812	FDSN	SK	--	BUD	iLoc	HHE	???	_
NIE	0.71	352.0	Lg	11:19:48.265	-1.2					T__						14695813	FDSN	PL	--	BUD	iLoc	BHZ	???	_
PSZ	0.89	205.6	Pn	11:19:42.351	0.3					T__						14695814	FDSN	GE	--	BUD	iLoc	BHZ	???	_
MASL	1.05	73.2	Pg	11:19:47.289	2.2					T__						14695815	FDSN	SK	--	BUD	iLoc	EHZ	???	_
MASL	1.05	73.2	Lg	11:20:02.134	0.6					T__						14695816	FDSN	SK	--	BUD	iLoc	EHZ	???	_
TRPA	1.50	112.3	Pn	11:19:51.157	0.3					T__						14695817	FDSN	HU	--	BUD	iLoc	BHZ	???	_
TRPA	1.50	112.3	Sn	11:20:09.399	-1.8					T__						14695818	FDSN	HU	--	BUD	iLoc	BHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/08	15:28:09.03	1.18	0.57	47.3263	17.6591	6.2	4.9	55	9.9F	10.1	12	8	84	0.18	1.41	m	ke BUD	14695819	iLoc			126

Magnitude Err Nsta Author OrigID
M 1.9 6 BUD 14695819

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
MPLH	0.18	207.6	Pg	15:28:12.473	-0.7					T__						14695821	FDSN	HU	--	BUD	iLoc	BHZ	???	_
MPLH	0.18	207.6	Lg	15:28:16.897	0.6					T__						14695822	FDSN	HU	--	BUD	iLoc	BHN	???	_
EGYH	0.24	292.1	Pg	15:28:14.428	0.1					T__						14695823	FDSN	HU	--	BUD	iLoc	SHZ	???	_
EGYH	0.24	292.1	Lg	15:28:18.852	0.6					T__						14695824	FDSN	HU	--	BUD	iLoc	SHN	???	_
CSKK	0.41	84.6	Pg	15:28:17.609	0.1					T__						14695825	FDSN	HU	--	BUD	iLoc	SHZ	???	_
CSKK	0.41	84.6	Lg	15:28:24.502	0.6					T__						14695826	FDSN	HU	--	BUD	iLoc	SHN	???	_
MODS	1.08	346.3	Pn	15:28:28.928	-0.4					T__						14695827	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOVH	1.28	166.1	Pg	15:28:34.703	0.4					T__						14695828	FDSN	HU	--	BUD	iLoc	BHZ	???	_
KOVH	1.28	166.1	Lg	15:28:52.438	0.5					T__						14695829	FDSN	HU	--	BUD	iLoc	BHE	???	_
MORH	1.30	148.3	Lg	15:28:52.128	-0.4					T__						14695830	FDSN	HU	--	BUD	iLoc	BHN	???	_
CONA	1.36	297.0	Lg	15:28:54.354	0.4					T__						14695831	FDSN	OE	--	BUD	iLoc	BHE	???	_
VYHS	1.41	33.7	Pg	15:28:36.467	-0.3					T__						14695832	FDSN	SK	--	BUD	iLoc	HHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/10	15:53:52.72	0.19	0.39	45.9071	21.4794	1.5	1.3	119	12.9F	1.4	19		99	0.25	1.99	a	ke BUC	14572111	ISC			360
2015/12/10	15:53:52.60	0.90	0.59	45.9153	21.4858	4.0	3.2	120	5.9F	8.1	36	11	99	0.26	2.00	m	ke BUD	14695845	iLoc			141

Magnitude Err Nsta Author OrigID
ml 1.9 BUC 14572111
M 2.0 4 BUD 14695845

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
TIM	0.26	226.1	Pg	15:53:57.464	-0.5					T__						14695847	FDSN	IR	--	ISC	iLoc	???	???	_
TIM	0.26	226.1	Pg	15:53:57.464	-0.5					T__		1.2				14695848	FDSN	IR	--	ISC	iLoc	???	???	_
TIM	0.26	226.1	Lg	15:54:01.473	-0.6					T__		1.2				14695849	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	0.31	162.9	Pg	15:53:59.384	0.4					T__						14695850	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	0.31	162.9	Pg	15:53:59.384	0.4					T__		0.1				14695851	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	0.32	159.9	Pb	15:53:59.116	0.1					T__						14695852	FDSN	RO	--	BUD	iLoc	BHZ	???	_
BZS	0.32	159.9	Lg	15:54:04.277	0.5					T__						14695853	FDSN	RO	--	BUD	iLoc	BHE	???	_
SIRR	0.37	19.3	Pg	15:54:00.325	-0.1					T__						14695854	FDSN	RO	--	BUD	iLoc	BHZ	???	_
SIRR	0.37	19.3	Lg	15:54:05.818	-0.6					T__						14695855	FDSN	RO	--	BUD	iLoc	BHE	???	_
SIRR	0.37	18.9	Pb	15:54:00.521	0.1					T__						14695856	FDSN	IR	--	ISC	iLoc	???	???	_
SIRR	0.37	18.9	Pb	15:54:00.521	0.1					T__		0.2				14695857	FDSN	IR	--	ISC	iLoc	???	???	_
BANR	0.59	204.8	Lg	15:54:13.543	0.8					T__						14695858	FDSN	RO	--	BUD	iLoc	BHE	???	_
BANR	0.59	204.9	Sg	15:54:12.429	-0.3					T__						14695859	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.05	119.5	Pg	15:54:12.714	0.0					T__						14695861	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.05	119.5	Pg	15:54:12.714	0.0					T__		0.1				14695862	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.05	119.5	Pn	15:54:13.771	1.2					T__						14695863	FDSN	RO	--	BUD	iLoc	BHZ	???	_
GZR	1.05	119.5	Lg	15:54:27.886	0.0					T__		0.1				14695864	FDSN	IR	--	ISC	iLoc	???	???	_
GZR	1.05	119.5	Sg	15:54:28.127	0.3					T__						14695865	FDSN	RO	--	BUD	iLoc	BHE	???	_
MDVR	1.15	171.9	Pn	15:54:13.566	-0.5					T__						14695866	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.15	171.9	Sn	15:54:29.674	-1.4					T__						14695868	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	1.22	43.6	Pn	15:54:15.875	0.5					T__						14695869	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	1.22	43.6	Pg	15:54:16.521	-0.2					T__						14695871	FDSN	RO	--	BUD	iLoc	BHZ	???	_
DRGR	1.22	43.6	Sn	15:54:32.816	-0.6					T__						14695872	FDSN	RO	--	BUD	iLoc	BHN	???	_
HERR	1.22	147.3	Pn	15:54:15.259	0.2					T__						14695873	FDSN	IR	--	ISC	iLoc	???	???	_

HERR	1.22	147.3	Sn	15:54:32.214	-0.6	T__	---	14695875	FDSN	IR	--	ISC	iLoc	??? ???	-
FRGS	1.40	237.8	Pn	15:54:17.947	0.5	T__	---	14695876	FDSN	IR	--	ISC	iLoc	??? ???	-
FRGS	1.40	237.8	Sn	15:54:37.730	0.8	T__	---	14695878	FDSN	IR	--	ISC	iLoc	??? ???	-
LOT	1.67	105.5	Sn	15:54:43.638	-1.0	T__	---	14695879	FDSN	IR	--	ISC	iLoc	??? ???	-
MORH	2.00	279.6	Sn	15:54:51.845	0.4	T__	---	14695881	FDSN	IR	--	ISC	iLoc	??? ???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/10	17:42:00.43	0.26	0.42	45.9290	21.4345	3.1	1.4	106	13.3F	2.2	15		167	0.24	1.25	a	ke BUC	14572178	ISC			360
2015/12/10	17:42:00.06	0.96	0.78	45.9400	21.4377	5.6	3.5	104	8.6F	7.4	29	9	93	0.25	1.26	m	ke BUD	14695883	iLoc			168

Magnitude	Err	Nsta	Author	OrigID
ml	1.1		BUC	14572178
M	1.7	4	BUD	14695883

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
TIM	0.25	216.8	Pg	17:42:05.191	-0.3					T__						14695885	FDSN	IR	--	ISC	iLoc	??? ???		-
TIM	0.25	216.8	Lg	17:42:09.692	0.1					T__						14695887	FDSN	IR	--	ISC	iLoc	??? ???		-
BZS	0.35	158.8	Pg	17:42:07.255	0.1					T__						14695888	FDSN	IR	--	ISC	iLoc	??? ???		-
BZS	0.35	158.8	Lg	17:42:12.623	0.2					T__						14695890	FDSN	IR	--	ISC	iLoc	??? ???		-
BZS	0.35	156.1	Pb	17:42:07.143	-0.1					T__						14695891	FDSN	RO	--	BUD	iLoc	BHZ	???	-
BZS	0.35	156.1	Sg	17:42:12.072	-0.5					T__						14695892	FDSN	RO	--	BUD	iLoc	BHE	???	-
SIRR	0.36	25.6	Pg	17:42:08.274	0.5					T__						14695893	FDSN	RO	--	BUD	iLoc	BHZ	???	-
SIRR	0.36	25.6	Lg	17:42:13.613	-0.0					T__						14695894	FDSN	RO	--	BUD	iLoc	BHE	???	-
BANR	0.60	200.9	Lg	17:42:19.661	-0.9					T__						14695895	FDSN	IR	--	ISC	iLoc	??? ???		-
AMBH	0.64	309.9	Lg	17:42:22.658	-0.7					T__						14695897	FDSN	HU	--	BUD	iLoc	SHE	???	-
GZR	1.09	119.7	Pg	17:42:21.139	0.2					T__						14695898	FDSN	IR	--	ISC	iLoc	??? ???		-
GZR	1.09	119.7	Pb	17:42:21.550	0.6					T__						14695900	FDSN	RO	--	BUD	iLoc	BHZ	???	-
GZR	1.09	119.7	Lg	17:42:35.665	-0.8					T__						14695901	FDSN	IR	--	ISC	iLoc	??? ???		-
GZR	1.09	119.7	Sg	17:42:35.823	-0.6					T__						14695902	FDSN	RO	--	BUD	iLoc	BHE	???	-
MDVR	1.17	170.4	Pg	17:42:22.904	-0.1					T__						14695903	FDSN	IR	--	ISC	iLoc	??? ???		-
MDVR	1.17	170.4	Sn	17:42:39.209	0.5					T__						14695905	FDSN	IR	--	ISC	iLoc	??? ???		-
DRGR	1.23	45.5	Pn	17:42:23.714	1.1					T__						14695906	FDSN	IR	--	ISC	iLoc	??? ???		-
DRGR	1.23	45.5	Sn	17:42:40.106	-0.3					T__						14695908	FDSN	IR	--	ISC	iLoc	??? ???		-
DRGR	1.23	45.5	Pg	17:42:23.869	-0.5					T__						14695909	FDSN	RO	--	BUD	iLoc	BHZ	???	-
DRGR	1.23	45.5	Lg	17:42:40.280	-2.8					T__						14695910	FDSN	RO	--	BUD	iLoc	BHE	???	-
HERR	1.26	146.6	Pn	17:42:22.923	0.2					T__						14695911	FDSN	IR	--	ISC	iLoc	??? ???		-
HERR	1.26	146.6	Sn	17:42:41.309	0.7					T__						14695913	FDSN	IR	--	ISC	iLoc	??? ???		-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/11	07:47:08.47	0.70	0.97	48.4215	17.2426	5.8	3.7	148	0.0F	0.0	14		5	1.04	1.64	a	ke VIE	14572221	ISC			360
2015/12/11	07:47:07.31	1.15	0.89	48.3731	17.3224	7.8	3.8	123	1.6F	11.2	19	12	74	0.03	2.34	m	ke BUD	14695914	iLoc			131

Magnitude	Err	Nsta	Author	OrigID
mb	1.9		VIE	14572221
ml	2.0		VIE	14572221
ML	2.4	0.2	10 BUD	14695914

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
-----	------	------	-------	------	------	------	-------	------	------	-----	-----	-----	-----	------	-----------	-------	-----	--------	----	------	-----	-----	-----	---

MODS	0.03	269.8	Pg	07:47:07.719	-0.6	T__	73.3	64.4	___	MLv	3.2	14695916	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 3.2 0																				
ZST	0.23	219.7	Pg	07:47:12.000	-0.2	T__	19.3	12.2	___	MLv	3.0	14695917	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.23	219.7	Lg	07:47:15.819	0.0	T__			---			14695918	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Station ML : 3.0 1																				
JAVC	0.54	25.3	Pg	07:47:18.006	-0.2	T__	2.6	0.3	---	MLv	2.3	14695919	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	0.54	25.3	Pb	07:47:17.700	-0.5	T__			---			14695920	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	0.54	25.3	Lg	07:47:27.800	1.7	T__			---			14695921	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.3 1																				
SOP	0.86	216.9	Lg	07:47:36.503	-0.4	T__			---			14695922	FDSN	HU	--	BUD	iLoc	BHE	???	_
KRUC	0.92	318.7	Pg	07:47:24.100	-0.6	T__			---			14695923	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	0.92	318.7	Pb	07:47:24.954	0.2	T__	1.0	0.1	---	MLv	2.0	14695924	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.0 0																				
VYHS	1.02	82.6	Pn	07:47:27.961	0.3	T__	2.1	0.0	---	MLv	1.7	14695925	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.7 0																				
VRAC	1.05	333.0	Pg	07:47:26.600	-0.4	T__			---			14695926	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.05	333.0	Pb	07:47:26.812	-0.2	T__	3.3	0.2	---	MLv	2.4	14695927	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.4 1																				
CONA	1.07	246.1	Pg	07:47:27.475	-1.2	T__	0.9	0.1	---	MLv	2.1	14695928	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	1.07	246.1	Sn	07:47:44.499	-0.5	T__		11.6	0.38	---		14695929	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.1 1																				
MPLH	1.21	173.0	Pn	07:47:30.951	0.6	T__	1.3	0.2	---	MLv	2.5	14695930	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.5 1																				
MORC	1.41	5.8	Pn	07:47:33.398	0.2	T__	1.6	0.1	---	MLv	2.4	14695931	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
MORC	1.41	5.8	Pg	07:47:32.700	-1.3	T__			---			14695932	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.4 1																				
ARSA	1.65	227.9	Pn	07:47:38.388	2.0	T__		3.2	0.38	---		14695933	FDSN	IR	--	ISC	iLoc	???	???	_
MORH	2.34	156.9	Pn	07:47:46.384	0.4	T__	1.6	0.2	---	MLv	3.1	14695934	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/11	10:04:17.20	0.65	1.78	48.4271	17.1948	9.1	3.7	148	0.0F	0.0	14	5	1.02	1.63	a	ke	VIE	14572241	ISC			360
2015/12/11	10:04:15.92	1.04	0.98	48.3924	17.2654	5.8	3.6	99	2.0F	8.8	20	11	75	0.02	2.37	m	ke	BUD	14695978	iLoc		126

Magnitude	Err	Nsta	Author	OrigID
mb	1.9		VIE	14572241
ml	2.0		VIE	14572241
M	2.3	6	BUD	14695978

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
MODS	0.02	158.3	Pg	10:04:16.310	-0.5					T__						14695980	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.22	209.0	Pg	10:04:20.970	0.3					T__						14695981	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.22	209.0	Lg	10:04:24.921	0.7					T__						14695982	FDSN	SK	--	BUD	iLoc	HHE	???	_
JAVC	0.54	29.8	Pg	10:04:26.851	0.1					T__						14695983	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
JAVC	0.54	29.8	Lg	10:04:35.100	0.3					T__						14695984	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	0.88	319.6	Pg	10:04:32.400	-0.2					T__						14695985	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	0.88	319.6	Pb	10:04:32.543	-0.0					T__						14695986	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
KRUC	0.88	319.6	Lg	10:04:44.795	-0.3					T__						14695987	FDSN	CZ	--	BUD	iLoc	BHE	???	_
VRAC	1.02	334.4	Pn	10:04:35.400	-0.8					T__						14695988	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.02	334.4	Sn	10:04:50.300	-1.3					T__						14695989	FDSN	IR	--	ISC	iLoc	???	???	_
VRAC	1.02	334.4	Pg	10:04:35.639	0.7					T__						14695990	FDSN	CZ	--	BUD	iLoc	BHZ	???	_
VRAC	1.02	334.4	Lg	10:04:51.263	2.2					T__						14695991	FDSN	CZ	--	BUD	iLoc	BHE	???	_

CONA	1.05	244.2	Pn	10:04:36.437	-0.4	T__	---	14695992	FDSN	OE	--	BUD	iLoc	BHZ	???	-
CONA	1.05	244.2	Sn	10:04:52.086	-0.8	T__	---	14695993	FDSN	OE	--	BUD	iLoc	BHN	???	-
CONA	1.05	244.2	Lg	10:04:53.811	2.2	T__	10.4 0.48	14695994	FDSN	IR	--	ISC	iLoc	???	???	-
VYHS	1.05	83.9	Pn	10:04:36.808	0.1	T__	---	14695995	FDSN	SK	--	BUD	iLoc	HHZ	???	-
MPLH	1.24	171.3	Pg	10:04:40.198	-0.1	T__	---	14695996	FDSN	HU	--	BUD	iLoc	BHZ	???	-
MORC	1.40	7.4	Pg	10:04:42.197	-0.1	T__	---	14695997	FDSN	CZ	--	BUD	iLoc	BHZ	???	-
ARSA	1.64	226.4	Pg	10:04:46.943	-0.8	T__	0.7 0.18	14695998	FDSN	IR	--	ISC	iLoc	???	???	-
MORH	2.37	156.2	Pn	10:04:55.552	0.5	T__	---	14695999	FDSN	HU	--	BUD	iLoc	BHZ	???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/13	13:25:58.00		0.50	46.1580	16.4220				16.2A							a	ke LJU	14572595	ISC			360
2015/12/13	13:25:59.36	0.33	0.68	46.1840	16.3574	2.5	1.9	139	8.0F	0.0	28		5	1.04	2.19	a	ke VIE	14572591	ISC			360
2015/12/13	13:25:57.41	0.87	0.68	46.1451	16.4864	4.0	3.1	90	12.4F	5.6	63	36	85	0.03	3.39	m	ke BUD	14696250	iLoc			100

Magnitude	Err	Nsta	Author	OrigID
ML	1.6		LJU	14572595
mb	1.6		VIE	14572591
ml	1.8		VIE	14572591

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
KALN	0.03	236.9	Pg	13:26:00.320	0.2					T__						14696252	FDSN	IR	--	ISC	iLoc	???	???	-
KALN	0.03	236.9	Lg	13:26:02.240	0.0					T__						14696253	FDSN	IR	--	ISC	iLoc	???	???	-
LOBO	0.29	272.1	Pg	13:26:03.620	-0.1					T__						14696254	FDSN	IR	--	ISC	iLoc	???	???	-
LOBO	0.29	272.1	Lg	13:26:07.340	-1.2					T__						14696255	FDSN	IR	--	ISC	iLoc	???	???	-
KOGS	0.34	331.7	x	13:26:10.170	-99.0					---		42.8	0.08			14696256	FDSN	IR	--	ISC	iLoc	???	???	-
KOGS	0.34	331.7	Pg	13:26:05.174	0.5					T__						14696257	FDSN	SL	--	BUD	iLoc	BHZ	???	-
KOGS	0.34	331.7	Lg	13:26:09.673	-0.4					T__						14696258	FDSN	SL	--	BUD	iLoc	BHE	???	-
PTJ	0.43	236.8	Pg	13:26:06.724	0.5					T__						14696259	FDSN	CR	--	BUD	iLoc	BHZ	???	-
PTJ	0.43	236.8	Lg	13:26:12.853	-0.1					T__						14696260	FDSN	CR	--	BUD	iLoc	BHN	???	-
PTJ	0.43	236.8	Sg	13:26:12.040	-1.5					T__						14696261	FDSN	IR	--	ISC	iLoc	???	???	-
ZAG	0.47	227.8	Pg	13:26:07.020	0.0					T__						14696262	FDSN	IR	--	ISC	iLoc	???	???	-
ZAG	0.47	227.8	Lg	13:26:13.490	-0.7					T__						14696263	FDSN	IR	--	ISC	iLoc	???	???	-
ZAG	0.47	227.8	Pb	13:26:06.491	-0.5					T__						14696264	FDSN	CR	--	BUD	iLoc	BHZ	???	-
ZAG	0.47	227.8	Sg	13:26:15.005	0.8					T__						14696265	FDSN	CR	--	BUD	iLoc	BHE	???	-
MOSL	0.56	160.5	Pg	13:26:09.810	0.8					T__						14696266	FDSN	IR	--	ISC	iLoc	???	???	-
MOSL	0.56	160.5	Lg	13:26:17.410	0.0					T__						14696267	FDSN	IR	--	ISC	iLoc	???	???	-
GOLS	0.61	257.7	Pg	13:26:09.950	0.3					T__						14696268	FDSN	IR	--	ISC	iLoc	???	???	-
GOLS	0.61	257.7	Lg	13:26:18.530	-0.2					T__						14696269	FDSN	IR	--	ISC	iLoc	???	???	-
GOLS	0.61	257.7	x	13:26:21.160	-99.0					---		25.5	0.22			14696270	FDSN	IR	--	ISC	iLoc	???	???	-
GCIS	0.66	245.4	Pg	13:26:10.900	0.4					T__						14696271	FDSN	IR	--	ISC	iLoc	???	???	-
DOBS	0.71	270.7	Pg	13:26:11.320	0.0					T__						14696272	FDSN	IR	--	ISC	iLoc	???	???	-
CESS	0.73	256.8	Pg	13:26:12.120	0.3					T__						14696273	FDSN	IR	--	ISC	iLoc	???	???	-
CESS	0.73	256.8	x	13:26:26.120	-99.0					---		9.5	0.10			14696274	FDSN	IR	--	ISC	iLoc	???	???	-
GROS	0.75	295.2	Pg	13:26:11.750	-0.5					T__						14696275	FDSN	IR	--	ISC	iLoc	???	???	-
CRES	0.79	246.4	Pg	13:26:13.321	0.5					T__						14696276	FDSN	SL	--	BUD	iLoc	BHZ	???	-
CRES	0.79	246.4	x	13:26:27.890	-99.0					---		9.6	0.18			14696277	FDSN	IR	--	ISC	iLoc	???	???	-
LEGS	0.84	256.9	Pg	13:26:13.850	0.1					T__						14696278	FDSN	IR	--	ISC	iLoc	???	???	-
OZLJ	0.89	233.7	Pg	13:26:15.030	0.4					T__						14696279	FDSN	IR	--	ISC	iLoc	???	???	-
OZLJ	0.89	233.7	Lg	13:26:26.880	-0.1					T__						14696280	FDSN	IR	--	ISC	iLoc	???	???	-
PDKS	1.04	265.9	Pn	13:26:17.390	0.4					T__						14696281	FDSN	IR	--	ISC	iLoc	???	???	-
PDKS	1.04	265.9	x	13:26:35.860	-99.0					---		4.9	0.15			14696282	FDSN	IR	--	ISC	iLoc	???	???	-

PERS	1.07	297.9	Pg	13:26:17.610	-0.3	T__									14696283	FDSN	IR	--	ISC	iLoc	??? ???	-
BOJS	1.08	233.8	Pn	13:26:18.930	1.4	T__									14696284	FDSN	IR	--	ISC	iLoc	??? ???	-
KOVH	1.12	92.3	Pn	13:26:18.756	0.5	T__									14696285	FDSN	HU	--	BUD	iLoc	BHZ ???	-
KOVH	1.12	92.3	Sn	13:26:33.663	-0.7	T__									14696286	FDSN	HU	--	BUD	iLoc	BHN ???	-
SOKA	1.14	298.4	Pg	13:26:19.237	-0.0	T__				0.2	0.08	---			14696287	FDSN	IR	--	ISC	iLoc	??? ???	-
SOKA	1.14	298.4	Lg	13:26:33.214	-1.5	T__				1.0	0.12	---			14696288	FDSN	IR	--	ISC	iLoc	??? ???	-
VISS	1.20	254.0	Pg	13:26:20.210	-0.1	T__									14696289	FDSN	IR	--	ISC	iLoc	??? ???	-
VNDS	1.24	268.6	Pg	13:26:20.910	-0.2	T__									14696290	FDSN	IR	--	ISC	iLoc	??? ???	-
ARSA	1.29	329.4	Lg	13:26:39.756	0.0	T__									14696291	FDSN	OE	--	BUD	iLoc	BHN ???	-
ARSA	1.29	329.4	Pg	13:26:22.363	0.0	T__				1.7	0.28	---			14696292	FDSN	IR	--	ISC	iLoc	??? ???	-
A266A	1.29	72.2	Pn	13:26:20.744	0.3	T__									14696293	FDSN	Z3	00	BUD	iLoc	HHZ ???	-
OBKA	1.39	285.9	Pg	13:26:23.747	-0.2	T__				0.5	0.12	---			14696294	FDSN	IR	--	ISC	iLoc	??? ???	-
OBKA	1.39	285.9	Sn	13:26:41.347	0.3	T__				1.9	0.25	---			14696295	FDSN	IR	--	ISC	iLoc	??? ???	-
OBKA	1.39	285.9	Pb	13:26:24.381	0.5	T__									14696296	FDSN	OE	--	BUD	iLoc	BHE ???	-
PLIT	1.40	205.9	Pn	13:26:23.880	1.3	T__									14696297	FDSN	IR	--	ISC	iLoc	??? ???	-
PLIT	1.40	205.9	Sn	13:26:42.940	1.3	T__									14696298	FDSN	IR	--	ISC	iLoc	??? ???	-
MORH	1.50	86.5	Pn	13:26:23.513	0.2	T__									14696299	FDSN	HU	--	BUD	iLoc	BHZ ???	-
UDBI	1.70	197.7	Pn	13:26:26.630	-0.3	T__									14696300	FDSN	IR	--	ISC	iLoc	??? ???	-
UDBI	1.70	197.7	Sn	13:26:49.930	0.8	T__									14696301	FDSN	IR	--	ISC	iLoc	??? ???	-
CONA	1.83	346.8	Pg	13:26:32.850	-0.3	T__				0.6	0.24	---			14696302	FDSN	IR	--	ISC	iLoc	??? ???	-
CONA	1.83	346.8	Lg	13:26:57.027	-0.8	T__				1.7	0.54	---			14696303	FDSN	IR	--	ISC	iLoc	??? ???	-
NVLJ	1.95	216.3	Pn	13:26:30.180	0.0	T__									14696304	FDSN	IR	--	ISC	iLoc	??? ???	-
NVLJ	1.95	216.3	Sn	13:26:55.370	0.8	T__									14696305	FDSN	IR	--	ISC	iLoc	??? ???	-
SMRN	1.98	236.7	Pn	13:26:30.690	0.3	T__									14696306	FDSN	IR	--	ISC	iLoc	??? ???	-
SMRN	1.98	236.7	Sn	13:26:55.330	-0.1	T__									14696307	FDSN	IR	--	ISC	iLoc	??? ???	-
MOA	2.28	319.1	Pn	13:26:36.188	1.9	T__				0.3	0.25	---			14696308	FDSN	IR	--	ISC	iLoc	??? ???	-
MOA	2.28	319.1	Sn	13:27:03.932	1.0	T__				0.3	0.20	---			14696309	FDSN	IR	--	ISC	iLoc	??? ???	-
BRJN	2.29	238.2	Pn	13:26:35.020	0.1	T__									14696310	FDSN	IR	--	ISC	iLoc	??? ???	-
BRJN	2.29	238.2	Sn	13:27:03.280	-0.5	T__									14696311	FDSN	IR	--	ISC	iLoc	??? ???	-
MORI	2.35	193.9	Pn	13:26:35.880	-0.2	T__									14696312	FDSN	IR	--	ISC	iLoc	??? ???	-
MORI	2.35	193.9	Sn	13:27:05.560	0.5	T__									14696313	FDSN	IR	--	ISC	iLoc	??? ???	-
DUGI	2.38	205.7	Pn	13:26:36.640	0.0	T__									14696314	FDSN	IR	--	ISC	iLoc	??? ???	-
DUGI	2.38	205.7	Sn	13:27:05.370	-0.7	T__									14696315	FDSN	IR	--	ISC	iLoc	??? ???	-
ZIRJ	2.56	193.8	Pn	13:26:39.390	0.1	T__									14696316	FDSN	IR	--	ISC	iLoc	??? ???	-
ZIRJ	2.56	193.8	Sn	13:27:09.790	-0.7	T__									14696317	FDSN	IR	--	ISC	iLoc	??? ???	-
LSTV	3.39	174.9	Pn	13:26:50.930	-0.3	T__									14696318	FDSN	IR	--	ISC	iLoc	??? ???	-
LSTV	3.39	174.9	Sn	13:27:30.540	-1.4	T__									14696319	FDSN	IR	--	ISC	iLoc	??? ???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/13	13:27:12.50		0.40	46.1300	16.4230				10.6A							a	ke LJU	14572722	ISC			360
2015/12/13	13:27:12.32	1.00	0.95	46.1223	16.4449	5.4	4.3	99	7.5F	6.4	21	10	116	0.01	1.29	m	ke BUD	14696320	iLoc			193

Magnitude	Err	Nsta	Author	OrigID
ML	1.3		LJU	14572722
ML	1.8	0.5	4 BUD	14696320

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
KALN	0.01	40.0	Pg	13:27:14.600	0.5					T__						14696322	FDSN	IR	--	ISC	iLoc	??? ???	-	
KALN	0.01	40.0	Lg	13:27:16.150	0.6					T__						14696323	FDSN	IR	--	ISC	iLoc	??? ???	-	
LOBO	0.26	277.3	Pg	13:27:17.790	-0.1					T__						14696324	FDSN	IR	--	ISC	iLoc	??? ???	-	
LOBO	0.26	277.3	Lg	13:27:21.500	-0.7					T__						14696325	FDSN	IR	--	ISC	iLoc	??? ???	-	

KOGS	0.35	337.6	Pg	13:27:19.530	-0.0	T__									14696326	FDSN	IR	--	ISC	iLoc	??? ???	_
KOGS	0.35	337.6	Lg	13:27:24.010	-0.9	T__									14696327	FDSN	IR	--	ISC	iLoc	??? ???	_
KOGS	0.35	337.6	x	13:27:24.300	-99.0	---				9.6	0.08				14696328	FDSN	IR	--	ISC	iLoc	??? ???	_
KOGS	0.35	337.6	Pb	13:27:19.292	-0.3	T__	2.1			0.2			MLv	1.6	14696329	FDSN	SL	--	BUD	iLoc	BHZ BHZ	_
KOGS	0.35	337.6	Sg	13:27:23.859	-1.1	T__									14696330	FDSN	SL	--	BUD	iLoc	BHE ???	_
(Station ML : 1.6 1																						
PTJ	0.40	237.3	Pg	13:27:21.920	1.6	T__	1.5			0.0			MLv	1.1	14696331	FDSN	CR	--	BUD	iLoc	BHZ BHZ	_
PTJ	0.40	237.3	Lg	13:27:27.250	0.8	T__									14696332	FDSN	CR	--	BUD	iLoc	BHN ???	_
PTJ	0.40	237.2	Pb	13:27:20.070	-0.6	T__									14696333	FDSN	IR	--	ISC	iLoc	??? ???	_
PTJ	0.40	237.2	Sg	13:27:25.750	-1.3	T__									14696334	FDSN	IR	--	ISC	iLoc	??? ???	_
(Station ML : 1.1 1																						
MOSL	0.55	156.9	Pg	13:27:23.530	-0.0	T__									14696335	FDSN	IR	--	ISC	iLoc	??? ???	_
MOSL	0.55	156.9	Lg	13:27:30.480	-1.5	T__									14696336	FDSN	IR	--	ISC	iLoc	??? ???	_
GOLS	0.58	259.2	Pg	13:27:24.570	0.7	T__									14696337	FDSN	IR	--	ISC	iLoc	??? ???	_
DOBS	0.68	272.6	Pg	13:27:25.710	0.1	T__									14696338	FDSN	IR	--	ISC	iLoc	??? ???	_
CRES	0.75	247.1	Pg	13:27:28.203	1.2	T__	1.7			0.1			MLv	1.9	14696339	FDSN	SL	--	BUD	iLoc	BHZ BHZ	_
CRES	0.75	247.1	Lg	13:27:38.460	0.2	T__									14696340	FDSN	SL	--	BUD	iLoc	BHE ???	_
(Station ML : 1.9 1																						
OZLJ	0.85	233.8	Pg	13:27:28.530	-0.2	T__									14696341	FDSN	IR	--	ISC	iLoc	??? ???	_
OZLJ	0.85	233.8	Lg	13:27:40.340	-0.8	T__									14696342	FDSN	IR	--	ISC	iLoc	??? ???	_
MPLH	1.29	35.3	Pn	13:27:37.369	1.4	T__	1.7			0.1			MLv	2.2	14696343	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/15	01:26:26.35	1.09	0.69	47.6436	17.9979	7.0	5.8	116	14.9F	10.5	13	9	66	0.26	1.50	m	ke BUD	14696401	iLoc			120

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.7	5 BUD	14696401

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A269A	0.26	91.0	Pg	01:26:33.466	1.2					T__	3.5	0.2			MLv	1.2	14696403	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A269A	0.26	91.0	Lg	01:26:35.741	-0.9					T__						14696404	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Station ML : 1.2 1																									
SRO	0.27	51.3	Pg	01:26:32.267	-0.2					T__						14696405	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
CSKK	0.33	147.5	Pg	01:26:32.870	-0.7					T__	10.0	0.0			MLv	0.1	14696406	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 0.1 0																									
EGYH	0.51	243.5	Lg	01:26:44.960	0.7					T__						14696407	FDSN	HU	--	BUD	iLoc	SHN	???	_	
MPLH	0.57	213.5	Pn	01:26:38.449	-0.3					T__	1.9	0.1			MLv	1.8	14696408	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.57	213.5	Lg	01:26:46.142	-0.1					T__						14696409	FDSN	HU	--	BUD	iLoc	BHZ	???	_	
(Station ML : 1.8 1																									
MODS	0.88	326.7	Pn	01:26:43.342	0.1					T__	1.9	0.7			MLv	2.9	14696410	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	0.88	326.7	Sn	01:26:56.273	-0.1					T__						14696411	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.9 0																									
SOP	0.97	272.9	Sn	01:26:58.131	-0.4					T__						14696412	FDSN	HU	--	BUD	iLoc	BHN	???	_	
VYHS	1.02	33.1	Sn	01:26:59.225	-0.4					T__						14696413	FDSN	SK	--	BUD	iLoc	HHE	???	_	
MORH	1.50	162.5	Pn	01:26:52.398	0.7					T__	1.3	0.1			MLv	2.3	14696414	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MORH	1.50	162.5	Sn	01:27:11.428	0.1					T__						14696415	FDSN	HU	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
------	------	-----	-----	----------	-----------	------	------	----	-------	-----	------	------	-----	-------	-------	------	--------	--------	-----	-------	-----	-----

2015/12/15 01:49:37.86 1.02 0.61 47.6127 18.0678 5.8 5.1 123 20.7F 9.2 15 9 69 0.21 1.02 m ke BUD 14696437 iLoc 112

Magnitude Err Nsta Author OrigID
ML 1.5 0.4 6 BUD 14696437

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A269A	0.21	83.0	Pg	01:49:43.059	-0.5					T__	7.9	0.2		---	MLv	1.2	14696439	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.2 1																									
SRO	0.26	39.5	Pg	01:49:44.206	-0.1					T__				---		14696440	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
SRO	0.26	39.5	Lg	01:49:48.944	0.1					T__				---		14696441	FDSN	SK	--	BUD	iLoc	EHN	???	_	
CSKK	0.28	152.3	Pg	01:49:45.643	1.0					T__	13.6	0.0		---	MLv	0.0	14696442	FDSN	HU	--	BUD	iLoc	SHE	SHZ	_
CSKK	0.28	152.3	Lg	01:49:49.990	0.3					T__				---		14696443	FDSN	HU	--	BUD	iLoc	SHZ	???	_	
(Station ML : 0.0 0																									
EGYH	0.54	248.8	Pg	01:49:49.014	-0.1					T__	1.5	0.1		---	MLv	1.7	14696444	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	0.54	248.8	Lg	01:49:56.796	-0.2					T__				---		14696445	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 1.7 1																									
MPLH	0.57	219.2	Lg	01:49:57.217	-0.9					T__				---		14696446	FDSN	HU	--	BUD	iLoc	BHE	???	_	
A267A	0.72	156.9	Pn	01:49:51.132	-0.7					T__				---		14696447	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
ZST	0.87	312.3	Pg	01:49:55.563	0.2					T__	1.2	1.2		---	MLv	3.1	14696448	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.87	312.3	Lg	01:50:07.218	-0.0					T__				---		14696449	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Station ML : 3.1 0																									
MODS	0.93	325.4	Pn	01:49:55.370	0.4					T__	1.5	0.7		---	MLv	2.9	14696450	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	0.93	325.4	Sn	01:50:08.145	0.0					T__				---		14696451	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Station ML : 2.9 1																									
VYHS	1.02	30.0	Pg	01:49:57.700	-0.6					T__	1.1	0.0		---	MLv	1.2	14696452	FDSN	SK	--	BUD	iLoc	HHN	HHZ	_
VYHS	1.02	30.0	Sn	01:50:11.113	0.9					T__				---		14696453	FDSN	SK	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/15	17:55:31.80		0.48	47.6300	18.0100				6.0A				5	1.47	1.72	a	ke CSEM	14572804	ISC			360
2015/12/15	17:55:32.40	0.17	0.23	47.6738	18.0034	1.5	1.2	47	16.6F	1.3	18	166	0.72	2.13	a	ke IPEC	14572809	ISC				360
2015/12/15	17:55:33.30	0.00		47.8900	18.0500				5.0A		14					a	ke PRU	14572807	ISC			360
2015/12/15	17:55:31.71	0.96	1.37	47.6562	18.0282	3.5	2.9	95	9.7F	7.6	58	31	47	0.24	4.21	m	ke BUD	14696489	iLoc			59

Magnitude Err Nsta Author OrigID
mb 2.4 CSEM 14572804
ML 1.8 IPEC 14572809
ML 2.4 0.2 17 BUD 14696489

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A269A	0.24	94.1	Pg	17:55:36.540	-0.4					T__	46.4	1.7		---	MLv	2.2	14696491	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A269A	0.24	94.1	Lg	17:55:40.448	-0.5					T__				---		14696492	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
(Station ML : 2.2 1																									
SRO	0.25	50.6	Pg	17:55:37.419	0.3					T__				---		14696493	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
CSKK	0.33	151.7	Pg	17:55:38.178	-0.6					T__	73.9	0.1		---	MLv	1.1	14696494	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 1.1 0																									
EGYH	0.53	243.3	Pg	17:55:42.515	-0.0					T__	7.8	0.4		---	MLv	2.4	14696495	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	0.53	243.3	Pb	17:55:42.700	0.2					T__				---		14696496	FDSN	HU	--	BUD	iLoc	SHZ	???	_	
EGYH	0.53	243.3	Lg	17:55:50.925	0.6					T__				---		14696497	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 2.4 1																									
MPLH	0.59	214.5	Pg	17:55:43.028	-0.6					T__	8.2	0.4		---	MLv	2.5	14696498	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.59	214.5	Lg	17:55:52.608	0.4					T__				---		14696499	FDSN	HU	--	BUD	iLoc	BHE	???	_	

(Station ML : 2.5 1																				
BUD	0.70	104.0	Pg	17:55:45.594	-0.4	T__	3.0	0.1	___	MLv	2.0	14696500	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.0 0																				
A267A	0.77	156.3	Pn	17:55:48.314	0.9	T__	5.9	0.3	___	MLv	2.4	14696501	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A267A	0.77	156.3	Lg	17:55:57.152	-1.0	T__			---			14696502	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Station ML : 2.4 1																				
ZST	0.82	311.3	Pg	17:55:48.329	0.1	T__	5.2	2.4	___	MLv	3.3	14696503	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
ZST	0.82	311.3	Lg	17:56:00.784	1.3	T__			---			14696504	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 3.3 0																				
MODS	0.88	325.2	Pg	17:55:48.658	-0.6	T__	7.3	3.5	___	MLv	3.5	14696505	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
MODS	0.88	325.2	Lg	17:56:01.698	0.4	T__			---			14696506	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 3.5 0																				
SOP	0.99	272.1	Pg	17:55:51.470	0.0	T__	5.6	0.1	___	MLv	2.2	14696507	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.99	272.1	Lg	17:56:03.757	-1.0	T__			---			14696508	FDSN	HU	--	BUD	iLoc	BHN	???	_
(Station ML : 2.2 1																				
VYHS	1.00	32.6	Pn	17:55:51.297	0.6	T__	6.0	0.1	___	MLv	1.8	14696509	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.00	32.6	Lg	17:56:04.955	-0.4	T__			---			14696510	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Station ML : 1.8 0																				
A263A	1.13	205.9	Pn	17:55:52.613	0.0	T__	3.8	0.3	___	MLv	2.5	14696511	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.5 1																				
JAVC	1.23	348.9	Pn	17:55:55.254	1.1	T__	1.3	0.1	___	MLv	2.1	14696512	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
JAVC	1.23	348.9	Pg	17:55:54.900	-1.0	T__			---			14696513	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	1.23	348.9	Pg	17:55:55.000	-1.0	T__			---			14696514	FDSN	IR	--	ISC	iLoc	???	???	_
JAVC	1.23	348.9	Sn	17:56:10.100	-1.1	T__		23.2	0.75	---		14696515	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.1 1																				
PSZ	1.29	77.5	Pn	17:55:56.800	1.9	T__			---			14696516	FDSN	GE	--	BUD	iLoc	BHZ	???	_
CONA	1.49	281.4	Pn	17:55:58.346	0.7	T__	2.3	0.1	___	MLv	2.1	14696517	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	1.49	281.4	Sn	17:56:18.799	1.2	T__		5.3	0.32	---		14696518	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.1 1																				
MORH	1.50	163.4	Pn	17:55:58.087	0.5	T__	2.8	0.1	___	MLv	2.4	14696519	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.4 1																				
KOGS	1.71	225.8	Pn	17:56:01.643	0.8	T__	1.7	0.1	___	MLv	2.6	14696520	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.6 1																				
ARSA	1.75	257.5	Pn	17:56:02.191	1.1	T__		0.6	0.25	---		14696521	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.78	322.9	Pn	17:56:02.200	0.7	T__			---			14696522	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.78	322.9	Sn	17:56:24.200	0.0	T__		4.5	0.39	---		14696523	FDSN	IR	--	ISC	iLoc	???	???	_
KRUC	1.78	322.9	Pg	17:56:02.06																

RIY	3.38	227.7	Pn	17:56:24.370	0.2	T__	---	14696539	FDSN	IR	--	ISC	iLoc	??? ???	-
SMRN	3.75	227.1	Pn	17:56:29.560	0.1	T__	---	14696540	FDSN	IR	--	ISC	iLoc	??? ???	-
SMRN	3.75	227.1	Sn	17:57:11.950	-1.1	T__	---	14696541	FDSN	IR	--	ISC	iLoc	??? ???	-
NVLJ	3.79	216.5	Pn	17:56:30.350	0.1	T__	---	14696542	FDSN	IR	--	ISC	iLoc	??? ???	-
NVLJ	3.79	216.5	Sn	17:57:14.610	0.8	T__	---	14696543	FDSN	IR	--	ISC	iLoc	??? ???	-
BRJN	4.05	228.7	Pn	17:56:33.120	-0.6	T__	---	14696544	FDSN	IR	--	ISC	iLoc	??? ???	-
BRJN	4.05	228.7	Sn	17:57:20.480	-0.5	T__	---	14696545	FDSN	IR	--	ISC	iLoc	??? ???	-
MORI	4.12	204.0	Pn	17:56:35.200	-0.1	T__	---	14696546	FDSN	IR	--	ISC	iLoc	??? ???	-
MORI	4.12	204.0	Sn	17:57:23.320	0.4	T__	---	14696547	FDSN	IR	--	ISC	iLoc	??? ???	-
DUGI	4.21	210.6	Pn	17:56:36.520	-0.0	T__	---	14696548	FDSN	IR	--	ISC	iLoc	??? ???	-
DUGI	4.21	210.6	Sn	17:57:23.890	-1.2	T__	---	14696549	FDSN	IR	--	ISC	iLoc	??? ???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/16	12:19:04.09	1.20	0.91	48.1419	19.0354	8.2	5.9	75	10.0A		8	5	131	0.38	1.20	m	ke BUD	14696479	iLoc			234

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.7	3 BUD	14696479

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
VYHS	0.38	339.4	Pg	12:19:13.008	1.1					T__						14696481	FDSN	SK	--	BUD	iLoc	HHZ	???	-
VYHS	0.38	339.4	Lg	12:19:17.333	-0.4					T__						14696482	FDSN	SK	--	BUD	iLoc	HHE	???	-
PSZ	0.62	110.9	Pn	12:19:17.847	-0.1					T__						14696483	FDSN	GE	--	BUD	iLoc	BHZ	???	-
PSZ	0.62	110.9	Lg	12:19:25.954	-0.6					T__						14696484	FDSN	GE	--	BUD	iLoc	BHE	???	-
CSKK	0.94	214.2	Pg	12:19:23.385	0.7					T__						14696485	FDSN	HU	--	BUD	iLoc	SHZ	???	-
CSKK	0.94	214.2	Lg	12:19:36.226	0.2					T__						14696486	FDSN	HU	--	BUD	iLoc	SHE	???	-
JAVC	1.16	308.8	Lg	12:19:42.601	-0.5					T__						14696487	FDSN	CZ	--	BUD	iLoc	BHN	???	-
MODS	1.20	281.8	Sn	12:19:41.387	-1.3					T__						14696488	FDSN	SK	--	BUD	iLoc	HHN	???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/17	09:34:08.67	0.19	0.39	46.0552	22.0523	2.1	1.5	110	13.9F	2.1	16		94	0.34	2.18	a	ke BUC	14572887	ISC			360
2015/12/17	09:34:08.16	0.97	0.66	46.0790	22.0608	4.6	3.9	110	10.3F	12.0	28	8	91	0.33	2.19	m	ke BUD	14696626	iLoc			179

Magnitude	Err	Nsta	Author	OrigID
ml	1.6		BUC	14572887
M	1.9		4 BUD	14696626

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
SIRR	0.33	304.1	Pg	09:34:15.497	0.1					T__						14696628	FDSN	RO	--	BUD	iLoc	BHZ	???	-
SIRR	0.33	304.1	Lg	09:34:20.306	-0.6					T__						14696629	FDSN	RO	--	BUD	iLoc	BHE	???	-
BZS	0.55	212.7	Pg	09:34:18.438	-0.6					T__						14696630	FDSN	RO	--	BUD	iLoc	BHZ	???	-
BZS	0.56	214.0	Pb	09:34:19.627	0.4					T__						14696631	FDSN	IR	--	ISC	iLoc	???	???	-
BZS	0.56	214.0	Lg	09:34:26.643	-0.8					T__						14696633	FDSN	IR	--	ISC	iLoc	???	???	-
DRGR	0.84	32.0	Pn	09:34:25.242	0.0					T__						14696634	FDSN	IR	--	ISC	iLoc	???	???	-
DRGR	0.84	32.0	Sn	09:34:37.887	-0.9					T__						14696636	FDSN	IR	--	ISC	iLoc	???	???	-
DRGR	0.84	32.0	Pg	09:34:25.736	0.7					T__						14696637	FDSN	RO	--	BUD	iLoc	BHZ	???	-
DRGR	0.84	32.0	Lg	09:34:37.577	-0.7					T__						14696638	FDSN	RO	--	BUD	iLoc	BHN	???	-
GZR	0.85	143.6	Pg	09:34:24.748	0.2					T__						14696639	FDSN	IR	--	ISC	iLoc	???	???	-
GZR	0.85	143.6	Pg	09:34:24.748	0.2					T__		0.1				14696640	FDSN	IR	--	ISC	iLoc	???	???	-

GZR	0.85	143.6	Lg	09:34:36.302	-0.5	T__	0.1	---	14696641	FDSN	IR	--	ISC	iLoc	??? ???	-
HERR	1.22	168.1	Pg	09:34:31.660	0.1	T__		---	14696642	FDSN	IR	--	ISC	iLoc	??? ???	-
HERR	1.22	168.1	Sn	09:34:47.473	-0.1	T__		---	14696644	FDSN	IR	--	ISC	iLoc	??? ???	-
MDVR	1.32	190.8	Pn	09:34:32.539	0.8	T__		---	14696645	FDSN	IR	--	ISC	iLoc	??? ???	-
MDVR	1.32	190.8	Sn	09:34:49.872	-0.5	T__		---	14696647	FDSN	IR	--	ISC	iLoc	??? ???	-
LOT	1.35	117.2	Pg	09:34:33.721	-0.3	T__		---	14696648	FDSN	IR	--	ISC	iLoc	??? ???	-
LOT	1.35	117.2	Sn	09:34:51.499	0.1	T__		---	14696650	FDSN	IR	--	ISC	iLoc	??? ???	-
LOT	1.35	117.3	Pb	09:34:34.695	0.6	T__		---	14696651	FDSN	RO	--	BUD	iLoc	BHZ ???	-
LOT	1.35	117.3	Lg	09:34:51.873	-1.6	T__		---	14696652	FDSN	RO	--	BUD	iLoc	BHN ???	-
VOIR	2.19	106.0	Pn	09:34:45.267	0.8	T__		---	14696653	FDSN	IR	--	ISC	iLoc	??? ???	-
VOIR	2.19	106.0	Sn	09:35:12.168	-0.8	T__		---	14696655	FDSN	IR	--	ISC	iLoc	??? ???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/17	10:20:50.32	1.37	0.63	48.5063	20.7834	11.7	4.7	158	2.1F	13.9	11	7	159	0.20	1.30	m	ke BUD	14696656	iLoc			197

Magnitude	Err	Nsta	Author	OrigID
M	1.8	4	BUD	14696656

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
KECS	0.20	263.5	Pg	10:20:54.234	-0.2					T__						14696658	FDSN	SK	--	BUD	iLoc	EHZ	???	-
KECS	0.20	263.5	Lg	10:20:58.412	0.8					T__						14696659	FDSN	SK	--	BUD	iLoc	EHN	???	-
IZAB	0.71	275.4	Lg	10:21:13.998	-1.0					T__						14696660	FDSN	SK	--	BUD	iLoc	EHN	???	-
PSZ	0.84	225.6	Pg	10:21:07.593	-0.2					T__						14696661	FDSN	GE	--	BUD	iLoc	BHZ	???	-
PSZ	0.84	225.6	Lg	10:21:21.115	0.4					T__						14696662	FDSN	GE	--	BUD	iLoc	BHE	???	-
MASL	0.95	57.3	Pn	10:21:10.020	0.0					T__						14696663	FDSN	SK	--	BUD	iLoc	EHZ	???	-
MASL	0.95	57.3	Lg	10:21:22.904	-0.1					T__						14696664	FDSN	SK	--	BUD	iLoc	EHE	???	-
NIE	0.96	341.4	Pn	10:21:10.860	0.7					T__						14696665	FDSN	PL	--	BUD	iLoc	BHZ	???	-
KOLS	1.08	66.0	Lg	10:21:27.854	0.1					T__						14696666	FDSN	SK	--	BUD	iLoc	HHE	???	-
VYHS	1.30	270.2	Pn	10:21:14.825	0.3					T__						14696667	FDSN	SK	--	BUD	iLoc	HHZ	???	-
VYHS	1.30	270.2	Sn	10:21:33.240	-0.4					T__						14696668	FDSN	SK	--	BUD	iLoc	HHN	???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/17	10:50:27.59	1.12	0.69	48.0849	22.8574	10.7	4.9	36	15.2F	10.2	11	6	132	0.22	2.00	m	ke BUD	14696669	iLoc			161

Magnitude	Err	Nsta	Author	OrigID	
MLv	2.5	1.5	4	BUD	14696669

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
TRPA	0.22	282.2	Pg	10:50:32.816	0.2					T__						14696671	FDSN	HU	--	BUD	iLoc	BHZ	???	-
TRPA	0.22	282.2	Lg	10:50:37.002	-0.1					T__						14696672	FDSN	HU	--	BUD	iLoc	BHE	???	-
BMR	0.60	133.5	Pg	10:50:39.834	0.4					T__						14696673	FDSN	RO	--	BUD	iLoc	BHZ	???	-
BMR	0.60	133.5	Lg	10:50:48.034	-1.1					T__						14696674	FDSN	RO	--	BUD	iLoc	BHE	???	-
KOLS	0.93	335.6	Pn	10:50:45.956	-0.1					T__						14696675	FDSN	SK	--	BUD	iLoc	HHZ	???	-
KOLS	0.93	335.6	Lg	10:50:59.618	-0.7					T__						14696676	FDSN	SK	--	BUD	iLoc	HHN	???	-
MASL	1.09	328.7	Pn	10:50:49.098	1.0					T__						14696677	FDSN	SK	--	BUD	iLoc	EHZ	???	-
MASL	1.09	328.7	Sn	10:51:04.020	-0.4					T__						14696678	FDSN	SK	--	BUD	iLoc	EHE	???	-
BURAR	1.64	104.8	Pn	10:50:56.856	0.5					T__						14696679	FDSN	RO	--	BUD	iLoc	BHZ	???	-
PSZ	2.00	266.3	Pn	10:51:01.037	0.2					T__						14696680	FDSN	GE	--	BUD	iLoc	BHZ	???	-

PSZ 2.00 266.3 Sn 10:51:26.321 -0.3 T__ --- 14696681 FDSN GE -- BUD iLoc BHE ??? _

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/18	09:18:17.27	1.37	0.96	48.6646	20.3497	13.4	6.9	108	14.8F	11.8	7	4	155	0.20	1.14	m	ke BUD	14696682	iLoc			229

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.2	2 BUD	14696682

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KECS	0.20	153.5	Pg	09:18:22.258	0.1					T__						14696684	FDSN	SK	--	BUD	iLoc	EHZ	???	_
KECS	0.20	153.5	Lg	09:18:25.506	-0.4					T__						14696685	FDSN	SK	--	BUD	iLoc	EHN	???	_
NIE	0.76	358.2	Lg	09:18:42.065	-0.6					T__						14696686	FDSN	PL	--	BUD	iLoc	BHN	???	_
PSZ	0.81	202.3	Pn	09:18:33.749	0.3					T__						14696687	FDSN	GE	--	BUD	iLoc	BHZ	???	_
PSZ	0.81	202.3	Lg	09:18:45.949	-0.1					T__						14696688	FDSN	GE	--	BUD	iLoc	BHN	???	_
MASL	1.14	71.7	Pg	09:18:39.487	0.9					T__						14696689	FDSN	SK	--	BUD	iLoc	EHZ	???	_
MASL	1.14	71.7	Sn	09:18:53.919	-1.1					T__						14696690	FDSN	SK	--	BUD	iLoc	EHN	???	_
TRPA	1.55	109.3	Pn	09:18:14.891	-29.2					---						14696691	FDSN	HU	--	BUD	iLoc	BHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/20	20:10:32.96	0.15	0.41	45.8194	21.5796	1.4	1.0	90	2.0A		21		64	0.20	2.19	a	ke BUC	14573218	ISC			360
2015/12/20	20:10:31.94	0.98	1.09	45.8316	21.5826	3.9	3.0	93	7.3F	7.2	35	13	64	0.22	2.20	m	ke BUD	14696845	iLoc			116

Magnitude	Err	Nsta	Author	OrigID
ml	1.1		BUC	14573218
MLv	1.5	0.6	3 BUD	14696845

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
BZS	0.22	173.6	Pg	20:10:36.716	0.2					T__						14696847	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	0.22	173.6	Pg	20:10:36.716	0.2					T__		0.1				14696848	FDSN	IR	--	ISC	iLoc	???	???	_
BZS	0.22	169.3	Pb	20:10:36.581	0.0					T__						14696849	FDSN	RO	--	BUD	iLoc	BHZ	???	_
BZS	0.22	169.3	Lg	20:10:39.872	-0.1					T__						14696850	FDSN	RO	--	BUD	iLoc	BHE	???	_
TIM	0.27	249.6	Pg	20:10:37.709	0.1					T__						14696851	FDSN	IR	--	ISC	iLoc	???	???	_
TIM	0.27	249.6	Pg	20:10:37.709	0.1					T__		0.2				14696852	FDSN	IR	--	ISC	iLoc	???	???	_
TIM	0.27	249.6	Lg	20:10:41.351	-0.5					T__		0.2				14696853	FDSN	IR	--	ISC	iLoc	???	???	_
SIRR	0.44	7.3	Pg	20:10:41.989	0.9					T__						14696854	FDSN	RO	--	BUD	iLoc	BHN	???	_
SIRR	0.44	7.3	Lg	20:10:48.197	0.2					T__						14696855	FDSN	RO	--	BUD	iLoc	BHE	???	_
BANR	0.55	215.0	Lg	20:10:50.269	-0.6					T__						14696856	FDSN	RO	--	BUD	iLoc	BHN	???	_
BANR	0.55	215.1	Pg	20:10:43.400	0.7					T__						14696857	FDSN	IR	--	ISC	iLoc	???	???	_
BANR	0.55	215.1	Sg	20:10:50.565	-0.2					T__						14696859	FDSN	IR	--	ISC	iLoc	???	???	_
AMBH	0.79	311.3	Lg	20:10:59.348	-0.8					T__						14696860	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.05	175.0	Pg	20:10:53.318	0.7					T__						14696862	FDSN	IR	--	ISC	iLoc	???	???	_
MDVR	1.05	175.0	Lg	20:11:06.922	-0.6					T__						14696864	FDSN	IR	--	ISC	iLoc	???	???	_
HERR	1.12	148.0	Pg	20:10:54.415	1.1					T__						14696865	FDSN	IR	--	ISC	iLoc	???	???	_
HERR	1.12	148.0	Sn	20:11:09.520	0.4					T__						14696867	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	1.24	38.8	Sn	20:11:13.325	0.4					T__						14696868	FDSN	IR	--	ISC	iLoc	???	???	_
DRGR	1.24	38.8	Pg	20:10:56.607	0.1					T__						14696869	FDSN	RO	--	BUD	iLoc	BHZ	???	_
DRGR	1.24	38.8	Lg	20:11:13.101	-2.2					T__						14696870	FDSN	RO	--	BUD	iLoc	BHN	???	_
BORR	1.27	6.3	Lg	20:11:15.698	-0.5					T__						14696871	FDSN	IR	--	ISC	iLoc	???	???	_

DJES	1.34	150.1	Lg	20:11:17.160	1.1	T__	---	14696873	FDSN	IR	--	ISC	iLoc	???	???	-
FRGS	1.42	242.2	Pg	20:11:00.116	1.2	T__	---	14696875	FDSN	IR	--	ISC	iLoc	???	???	-
LOT	1.58	103.3	Pg	20:11:02.079	-0.2	T__	---	14696877	FDSN	IR	--	ISC	iLoc	???	???	-
LOT	1.58	103.3	Lg	20:11:24.715	0.2	T__	---	14696879	FDSN	IR	--	ISC	iLoc	???	???	-
BOVS	2.20	177.7	Lg	20:11:39.418	-3.0	T__	---	14696880	FDSN	IR	--	ISC	iLoc	???	???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/22	07:53:18.03	1.77	0.47	48.6652	19.7085	14.7	9.0	9	16.6F	9.1	7	4	215	0.10	0.76	m	ke BUD	14697002	iLoc			290

Magnitude	Err	Nsta	Author	OrigID
MLv	1.9	0.7	3 BUD	14697002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
IZAB	0.10	178.3	Pg	07:53:22.030	0.3					T__						14697004	FDSN	SK	--	BUD	iLoc	EHZ	???	-
IZAB	0.10	178.3	Lg	07:53:24.029	-0.4					T__						14697005	FDSN	SK	--	BUD	iLoc	EHN	???	-
KECS	0.55	109.2	Pg	07:53:29.326	0.1					T__						14697006	FDSN	SK	--	BUD	iLoc	EHZ	???	-
VYHS	0.60	253.8	Pn	07:53:30.921	-0.0					T__						14697007	FDSN	SK	--	BUD	iLoc	HHZ	???	-
VYHS	0.60	253.8	Lg	07:53:38.861	-0.3					T__						14697008	FDSN	SK	--	BUD	iLoc	HHN	???	-
PSZ	0.76	170.5	Pg	07:53:34.454	0.4					T__						14697009	FDSN	GE	--	BUD	iLoc	BHZ	???	-
PSZ	0.76	170.5	Lg	07:53:44.902	-0.4					T__						14697010	FDSN	GE	--	BUD	iLoc	BHN	???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/23	09:50:29.30	1.58	0.61	48.5635	20.6902	10.4	7.8	90	10.2F	9.9	9	6	124	0.16	1.31	m	ke BUD	14697011	iLoc			235

Magnitude	Err	Nsta	Author	OrigID
M	2.0		4 BUD	14697011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KECS	0.16	239.5	Pg	09:50:32.547	-0.5					T__						14697013	FDSN	SK	--	BUD	iLoc	EHZ	???	-
KECS	0.16	239.5	Lg	09:50:36.613	0.7					T__						14697014	FDSN	SK	--	BUD	iLoc	EHN	???	-
IZAB	0.65	270.9	Pg	09:50:51.873	9.5					---						14697015	FDSN	SK	--	BUD	iLoc	EHN	???	-
PSZ	0.84	219.8	Lg	09:50:58.455	-0.7					T__						14697016	FDSN	GE	--	BUD	iLoc	BHN	???	-
NIE	0.89	344.0	Lg	09:50:58.875	-0.2					T__						14697017	FDSN	PL	--	BUD	iLoc	BHE	???	-
LANS	1.00	306.5	Pg	09:50:48.403	-0.4					T__						14697018	FDSN	SK	--	BUD	iLoc	EHZ	???	-
LANS	1.00	306.5	Lg	09:51:03.061	0.0					T__						14697019	FDSN	SK	--	BUD	iLoc	EHE	???	-
VYHS	1.23	267.5	Pg	09:50:53.439	-0.2					T__						14697020	FDSN	SK	--	BUD	iLoc	HHZ	???	-
VYHS	1.23	267.5	Sn	09:51:10.081	0.6					T__						14697021	FDSN	SK	--	BUD	iLoc	HHN	???	-
TRPA	1.31	108.7	Pn	09:50:53.404	0.3					T__						14697022	FDSN	HU	--	BUD	iLoc	BHE	???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/23	21:22:38.00	0.15	0.13	47.6486	18.0145	1.2	1.1	11	19.3F	1.2	22		154	0.70	2.15	a	ke IPEC	14573444	ISC			360
2015/12/23	21:22:36.30	0.07	0.50	47.6199	18.0181	2.0	1.6	8	5.0A				39	0.28	12.42	a	ke LDG	14573441	ISC			360
2015/12/23	21:22:38.80	0.00		47.8300	17.9100				0.0A		26					a	ke PRU	14573447	ISC			360
2015/12/23	21:22:37.59	0.18	1.29	47.6345	17.9966	1.8	1.1	16	11.0F	1.7	49		4	1.46	5.50	a	ke VIE	14573449	ISC			360
2015/12/23	21:22:36.63	0.79	1.89	47.6601	17.9870	2.9	2.3	86	10.3F	3.2	187	105	31	0.27	12.40	m	ke BUD	14697569	iLoc			41

Magnitude	Err	Nsta	Author	OrigID
ML	2.6		IPEC	14573444
Ml	2.8		LDG	14573441
mb	2.5		VIE	14573449
ml	2.6		VIE	14573449
ML	3.1	0.2	32 BUD	14697569

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A269A	0.27	94.5	Pg	21:22:42.188	-0.3					T__	118.6	9.9		---	MLv	3.0	14697571	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 3.0 1																									
SRO	0.27	55.0	Pg	21:22:42.647	0.2					T__	220.0	19.1		---	MLv	3.3	14697572	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Station ML : 3.3 0																									
CSKK	0.35	147.9	Pg	21:22:43.747	-0.3					T__	340.0	0.3		---	MLv	1.7	14697573	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
(Station ML : 1.7 0																									
EGYH	0.51	241.4	Pg	21:22:47.711	0.7					T__	28.2	3.5		---	MLv	3.2	14697574	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
EGYH	0.51	241.4	Lg	21:22:56.550	2.1					T__				---		14697575	FDSN	HU	--	BUD	iLoc	SHN	???	_	
(Station ML : 3.2 1																									
MPLH	0.58	212.0	Pg	21:22:48.232	-0.1					T__	19.3	2.7		---	MLv	3.2	14697576	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
MPLH	0.58	212.0	Lg	21:22:57.946	1.3					T__				---		14697577	FDSN	HU	--	BUD	iLoc	BHE	???	_	
(Station ML : 3.2 1																									
BUD	0.72	103.7	Pn	21:22:51.335	-0.3					T__	15.0	1.0		---	MLv	2.9	14697578	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 2.9 1																									
TIH	0.76	185.1	Pg	21:22:51.747	-0.1					T__	130.2	8.4		---	MLv	3.8	14697579	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
TIH	0.76	185.1	Lg	21:23:03.280	0.6					T__				---		14697580	FDSN	HU	--	BUD	iLoc	SHE	???	_	
(Station ML : 3.8 0																									
A267A	0.79	154.6	Pg	21:22:52.487	0.2					T__	26.2	1.6		---	MLv	3.1	14697581	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A267A	0.79	154.6	Lg	21:23:03.133	-0.4					T__				---		14697582	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
(Station ML : 3.1 1																									
ZST	0.80	312.4	Pn	21:22:53.481	0.6					T__	9.1	17.5		---	MLv	4.2	14697583	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 4.2 0																									
MODS	0.86	326.5	Pn	21:22:53.837	0.1					T__	25.3	18.9		---	MLv	4.3	14697584	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 4.3 0																									
SOP	0.97	271.9	Pg	21:22:56.642	0.9					T__	25.6	0.9		---	MLv	3.0	14697585	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
SOP	0.97	271.9	Lg	21:23:09.331	0.6					T__				---		14697586	FDSN	HU	--	BUD	iLoc	BHN	???	_	
(Station ML : 3.0 1																									
VYHS	1.01	34.0	Pn	21:22:56.923	1.2					T__	11.0	0.3		---	MLv	2.5	14697587	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Station ML : 2.5 0																									
A263A	1.12	204.5	Pg	21:22:58.791	0.0					T__	15.6	1.2		---	MLv	3.2	14697588	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 3.2 1																									
A266A	1.15	170.4	Pg	21:22:59.368	0.1					T__	17.7	1.5		---	MLv	3.3	14697589	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 3.3 1																									
JAVC	1.22	350.1	Pn	21:23:00.500	1.6					T__				---		14697590	FDSN	IR	--	ISC	iLoc	???	???	_	
JAVC	1.22	350.1	Sn	21:23:16.800	1.0					T__		198.1	0.84	---		14697592	FDSN	IR	--	ISC	iLoc	???	???	_	
A265A	1.24	186.1	Pg	21:23:01.504	0.4					T__	12.5	0.9		---	MLv	3.2	14697593	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	1.24	186.1	Lg	21:23:18.987	0.8					T__				---		14697594	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
(Station ML : 3.2 1																									
PSZ	1.31	77.9	Pn	21:23:02.092	1.9					T__	6.1	0.5		---	MLv	2.9	14697595	FDSN	GE	--	BUD	iLoc	BHZ	BHZ	_
PSZ	1.31	77.9	Sn	21:23:20.245	1.9					T__				---		14697596	FDSN	GE	--	BUD	iLoc	BHN	???	_	
PSZ	1.31	77.9	Pg	21:23:02.597	-0.7					T__				---		14697597	FDSN	IR	--	ISC	iLoc	???	???	_	
PSZ	1.31	77.9	Lg	21:23:20.482	-1.0					T__				---		14697598	FDSN	IR	--	ISC	iLoc	???	???	_	
(Station ML : 2.9 1																									
CONA	1.46	281.4	Pn	21:23:03.813	1.7					T__	6.3	0.4		---	MLv	2.9	14697599	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
CONA	1.46	281.4	Sn	21:23:24.180	2.4					T__				---		14697600	FDSN	OE	--	BUD	iLoc	BHN	???	_	

CONA	1.46	281.4	Lg	21:23:24.457	-0.0	T__		58.9	0.44	---		14697601	FDSN	IR	--	ISC	iLoc	??? ???	_
(Station ML : 2.9 1																			
MORH	1.51	162.4	Pn	21:23:03.887	1.2	T__	8.5	0.6		--- MLv	3.1	14697602	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
MORH	1.51	162.4	Sn	21:23:22.790	-0.0	T__				---		14697603	FDSN	HU	--	BUD	iLoc	BHN ???	_
MORH	1.51	162.5	Lg	21:23:23.032	-3.9	T__				---		14697604	FDSN	IR	--	ISC	iLoc	??? ???	_
(Station ML : 3.1 1																			
KOVH	1.57	177.1	Pn	21:23:04.744	1.1	T__	10.2	0.4		--- MLv	3.0	14697605	FDSN	HU	--	BUD	iLoc	BHZ BHZ	_
KOVH	1.57	177.1	Lg	21:23:28.152	-0.8	T__				---		14697606	FDSN	HU	--	BUD	iLoc	BHE ???	_
(Station ML : 3.0 1																			
BSZH	1.59	102.3	Pn	21:23:07.241	3.4	T__				---		14697607	FDSN	IR	--	ISC	iLoc	??? ???	_
BSZH	1.59	102.3	Pg	21:23:08.750	-0.2	T__				---		14697608	FDSN	HU	--	BUD	iLoc	HHZ ???	_
BSZH	1.59	102.3	Sn	21:23:27.215	2.4	T__				---		14697609	FDSN	IR	--	ISC	iLoc	??? ???	_
KOGS	1.70	225.0	Pn	21:23:06.915	1.4	T__	3.7	0.6		--- MLv	3.2	14697610	FDSN	SL	--	BUD	iLoc	BHZ BHZ	_
KOGS	1.70	225.0	Lg	21:23:31.540	-1.0	T__				---		14697611	FDSN	IR	--	ISC	iLoc	??? ???	_
KOGS	1.70	225.0	x	21:23:39.650	-99.0	---		28.1	0.35	---		14697612	FDSN	IR	--	ISC	iLoc	??? ???	_
(Station ML : 3.2 1																			
ARSA	1.72	257.1	Sn	21:23:30.186	2.5	T__		17.8	0.35	---		14697613	FDSN	IR	--	ISC	iLoc	??? ???	_
ARSA	1.72	257.1	Pn	21:23:07.602	2.0	T__	3.8	0.2		--- MLv	2.8	14697614	FDSN	OE	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 2.8 0																			
KRUC	1.76	323.5	Sn	21:23:30.300	1.8	T__		35.7	0.51	---		14697615	FDSN	IR	--	ISC	iLoc	??? ???	_
KRUC	1.76	323.5	Pn	21:23:07.646	1.5	T__	3.1	0.2		--- MLv	2.8	14697616	FDSN	CZ	--	BUD	iLoc	BHZ BHZ	_
KRUC	1.76	323.5	Lg	21:23:29.821	-3.2	T__				---		14697617	FDSN	CZ	--	BUD	iLoc	BHE ???	_
(Station ML : 2.8 0																			
KALN	1.86	215.0	Pn	21:23:08.920	0.9	T__				---		14697618	FDSN	IR	--	ISC	iLoc	??? ???	_
KALN	1.86	215.0	Sn	21:23:31.330	-0.9	T__				---		14697619	FDSN	IR	--	ISC	iLoc	??? ???	_
KECS	1.87	62.9	Pg	21:23:16.860	3.7	T__				---		14697620	FDSN	SK	--	BUD	iLoc	EHZ ???	_
VRAC	1.89	331.2	Pn	21:23:09.700	1.7	T__				---		14697621	FDSN	IR	--	ISC	iLoc	??? ???	_
VRAC	1.89	331.2	Pg	21:23:10.033	-2.5	T__				---		14697623	FDSN	IR	--	ISC	iLoc	??? ???	_
VRAC	1.89	331.2	Sn	21:23:33.600	1.9	T__		30.4	0.57	---		14697624	FDSN	IR	--	ISC	iLoc	??? ???	_
VRAC	1.89	331.2	Lg	21:23:33.700	-3.5	T__				---		14697625	FDSN	IR	--	ISC	iLoc	??? ???	_
VRAC	1.89	331.2	Pb	21:23:09.886	-2.6	T__	3.9	0.2		--- MLv	2.8	14697626	FDSN	CZ	--	BUD	iLoc	BHZ BHZ	_
(Station ML : 2.8 0																			
LOBO	2.00	221.8	Pn	21:23:10.860	1.1	T__				---		14697627	FDSN	IR	--	ISC	iLoc	??? ???	_
LOBO	2.00	221.8	Sn	21:23:35.530	0.1	T__				---		14697628	FDSN	IR	--	ISC	iLoc	??? ???	_
LOSC	2.01	348.5	Pn	21:23:11.000	1.4	T__				---		14697629	FDSN	IR	--	ISC	iLoc	??? ???	_
LOSC	2.01	348.5	Sn	21:23:36.500	2.0	T__		33.1	0.27	---		14697630	FDSN	IR	--	ISC	iLoc	??? ???	_
GROS	2.08	235.7	Pn	21:23:11.990	1.2	T__				---		14697631	FDSN	IR	--	ISC	iLoc	??? ???	_
MORC	2.14	352.3	Pn	21:23:13.600	2.0	T__	2.4	0.1		--- MLv	2.9	14697632	FDSN	CZ	--	BUD	iLoc	BHZ BHZ	_
MORC	2.14	352.3	Sn	21:23:40.181	2.0	T__				---		14697633	FDSN	CZ	--	BUD	iLoc	BHN ???	_
MORC	2.14	352.3	Pg	21:23:12.700	-4.1	---				---		14697634	FDSN	IR	--	ISC	iLoc	??? ???	_
MORC	2.14	352.3	Lg	21:23:39.600	-5.7	T__		28.0	0.36	---		14697636	FDSN	IR	--	ISC	iLoc	??? ???	_
(Station ML : 2.9 0																			
OKC	2.18	2.7	Pn	21:23:14.400	2.3	T__				---		14697637	FDSN	IR	--	ISC	iLoc	??? ???	_
OKC	2.18	2.7	Sn	21:23:41.100	1.8	T__				---		14697638	FDSN	IR	--	ISC	iLoc	??? ???	_
OKC	2.18	2.7	Lg	21:23:41.500	-5.2	T__				---		14697639	FDSN	IR	--	ISC	iLoc	??? ???	_
PERS	2.21	243.4	Pn	21:23:14.030	1.6	T__				---		14697640	FDSN	IR	--	ISC	iLoc	??? ???	_
MOSL	2.22	203.0	Pn	21:23:14.110	1.1	T__				---		14697641	FDSN	IR	--	ISC	iLoc	??? ???	_
MOSL	2.22	203.0	Sn	21:23:40.090	-0.8	T__				---		14697642	FDSN	IR	--	ISC	iLoc	??? ???	_
PTJ	2.24	219.1	Pn	21:23:14.518	1.5	T__	2.1	0.2		--- MLv	2.9	14697643	FDSN	CR	--	BUD	iLoc	BHZ BHZ	_
PTJ	2.24	219.1	Sn	21:23:40.660	-1.2	T__				---		14697644	FDSN	IR	--	ISC	iLoc	??? ???	_
(Station ML : 2.9 1																			
SOKA	2.24	245.1	Pn	21:23:14.607	1.7	T__	19.3	2.5	0.42	---		14697645	FDSN	IR	--	ISC	iLoc	??? ???	_
SOKA	2.24	245.1	Sn	21:23:43.501	2.7	T__		2.9	0.26	---		14697646	FDSN	IR	--	ISC	iLoc	??? ???	_

AMBH	2.29	124.0	Pg	21:23:29.680	7.5	---	---	---	14697647	FDSN	HU	--	BUD	iLoc	SHZ	???	_			
AMBH	2.29	124.0	Pn	21:23:15.767	2.2	T__	---	---	14697648	FDSN	IR	--	ISC	iLoc	???	???	_			
AMBH	2.29	124.0	Sn	21:23:44.374	2.6	T__	---	---	14697649	FDSN	IR	--	ISC	iLoc	???	???	_			
NIE	2.34	40.4	Pg	21:23:24.051	2.5	T__	---	---	14697650	FDSN	PL	--	BUD	iLoc	BHZ	???	_			
MOA	2.52	275.7	Pn	21:23:19.258	2.5	T__	0.2	0.12	---	14697651	FDSN	IR	--	ISC	iLoc	???	???	_		
MOA	2.52	275.7	Sn	21:23:50.405	2.6	T__	2.2	0.22	---	14697652	FDSN	IR	--	ISC	iLoc	???	???	_		
CRES	2.53	224.4	Pn	21:23:18.346	1.3	T__	1.8	0.3	---	MLv	3.4	14697653	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	2.53	224.4	Pg	21:23:18.000	-7.2	---	---	---	---	14697654	FDSN	IR	--	ISC	iLoc	???	???	_		
(Station ML : 3.4 0)																				
KRLC	2.54	342.2	Pn	21:23:19.700	2.5	T__	---	---	---	14697655	FDSN	IR	--	ISC	iLoc	???	???	_		
OBKA	2.62	245.2	Pn	21:23:20.176	2.0	T__	1.2	0.1	---	MLv	2.9	14697656	FDSN	OE	--	BUD	iLoc	BHZ	BHZ	_
OBKA	2.62	245.2	Sn	21:23:51.976	1.7	T__	---	11.8	0.62	---	---	14697657	FDSN	IR	--	ISC	iLoc	???	???	_
(Station ML : 2.9 1)																				
LTVH	2.67	94.5	Pg	21:23:35.419	5.8	---	---	---	---	14697658	FDSN	HU	--	BUD	iLoc	SHZ	???	_		
OZLJ	2.68	221.2	Pn	21:23:20.460	1.3	T__	---	---	---	14697659	FDSN	IR	--	ISC	iLoc	???	???	_		
OZLJ	2.68	221.2	Sn	21:23:50.860	-1.0	T__	---	---	---	14697660	FDSN	IR	--	ISC	iLoc	???	???	_		
CKRC	2.72	296.6	Pn	21:23:22.956	3.6	T__	2.4	0.3	---	MLv	3.5	14697661	FDSN	CZ	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.5 0)																				
MRAK	2.75	196.3	Pn	21:23:21.600	1.1	T__	---	---	---	14697662	FDSN	IR	--	ISC	iLoc	???	???	_		
FRGS	2.80	152.6	Pn	21:23:22.000	1.3	T__	---	---	---	14697663	FDSN	IR	--	ISC	iLoc	???	???	_		
FRGS	2.80	152.6	Pg	21:23:22.447	-7.4	---	---	---	---	14697664	FDSN	IR	--	ISC	iLoc	???	???	_		
FRGS	2.80	152.6	Sn	21:23:56.067	1.5	T__	---	---	---	14697665	FDSN	IR	--	ISC	iLoc	???	???	_		
SIRR	2.88	117.6	Pn	21:23:22.975	1.0	T__	---	---	---	14697666	FDSN	IR	--	ISC	iLoc	???	???	_		
SIRR	2.88	117.6	Pg	21:23:22.817	-11.0	---	1.7	0.1	---	MLv	3.0	14697667	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.0 1)																				
DPC	2.91	338.5	Pn	21:23:24.800	2.6	T__	---	---	---	14697668	FDSN	IR	--	ISC	iLoc	???	???	_		
BLY	2.93	191.3	Pn	21:23:24.785	2.0	T__	3.5	0.1	---	MLv	3.2	14697669	FDSN	MN	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.2 1)																				
TRPA	3.10	79.6	Pn	21:23:26.137	0.7	T__	1.5	0.1	---	MLv	3.2	14697670	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
TRPA	3.10	79.6	Pg	21:23:36.844	0.1	T__	---	---	---	14697671	FDSN	HU	--	BUD	iLoc	BHZ	???	_		
(Station ML : 3.2 1)																				
CEY	3.11	233.2	Pn	21:23:26.600	1.4	T__	---	---	---	14697672	FDSN	IR	--	ISC	iLoc	???	???	_		
OSTC	3.12	338.8	Pn	21:23:28.000	2.8	T__	---	---	---	14697673	FDSN	IR	--	ISC	iLoc	???	???	_		
UPC	3.13	336.2	Pn	21:23:28.000	2.8	T__	---	---	---	14697674	FDSN	IR	--	ISC	iLoc	???	???	_		
MYKA	3.14	252.4	Pn	21:23:27.360	1.8	T__	---	1.3	0.26	---	---	14697675	FDSN	IR	--	ISC	iLoc	???	???	_
MYKA	3.14	252.4	Sn	21:24:04.986	1.9	T__	---	3.0	0.36	---	---	14697676	FDSN	IR	--	ISC	iLoc	???	???	_
KBA	3.21	261.3	Pn	21:23:28.452	1.7	T__	15.2	3.1	0.32	---	---	14697677	FDSN	IR	--	ISC	iLoc	???	???	_
KBA	3.21	261.3	Sn	21:24:06.752	1.5	T__	---	3.6	0.45	---	---	14697678	FDSN	IR	--	ISC	iLoc	???	???	_
PLIT	3.23	211.4	Pn	21:23:28.350	1.1	T__	---	---	---	14697679	FDSN	IR	--	ISC	iLoc	???	???	_		
PLIT	3.23	211.4	Sn	21:24:04.930	-0.3	T__	---	---	---	14697680	FDSN	IR	--	ISC	iLoc	???	???	_		
BZS	3.23	127.9	Pn	21:23:28.179	1.5	T__	---	---	---	14697681	FDSN	IR	--	ISC	iLoc	???	???	_		
BZS	3.24	127.7	Pn	21:23:28.021	1.2	T__	1.6	0.1	---	MLv	3.1	14697682	FDSN	RO	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 3.1 1)																				
PRU	3.26	316.9	Pn	21:23:28.800	2.0	T__	---	---	---	14697683	FDSN	IR	--	ISC	iLoc	???	???	_		
PRU	3.26	316.9	Sn	21:24:05.500	0.2	T__	---	---	---	14697684	FDSN	IR	--	ISC	iLoc	???	???	_		
PRU	3.26	316.9	Lg	21:24:19.100	0.2	T__	---	14.3	0.70	---	---	14697685	FDSN	IR	--	ISC	iLoc	???	???	_
KHC	3.29	298.2	Pn	21:23:29.900	2.6	T__	---	---	---	14697686	FDSN	IR	--	ISC	iLoc	???	???	_		
KHC	3.29	298.2	Pg	21:23:39.000	0.1	T__	---	---	---	14697687	FDSN	IR	--	ISC	iLoc	???	???	_		
KHC	3.29	298.2	Sn	21:24:07.800	1.6	T__	---	---	---	14697688	FDSN	IR	--	ISC	iLoc	???	???	_		
KHC	3.29	298.2	Lg	21:24:19.400	-1.2	T__	---	23.3	0.60	---	---	14697689	FDSN	IR	--	ISC	iLoc	???	???	_
MGRS	3.30	191.3	Pn	21:23:30.100	1.9	T__	---	---	---	14697690	FDSN	IR	--	ISC	iLoc	???	???	_		
DRGR	3.33	103.4	Pn	21:23:30.069	1.3	T__	---	---	---	14697691	FDSN	IR	--	ISC	iLoc	???	???	_		
DRGR	3.33	103.4	Sn	21:24:10.532	2.4	T__	---	---	---	14697692	FDSN	IR	--	ISC	iLoc	???	???	_		

MESR	3.41	96.8	Pn	21:23:31.380	1.6	T__				14697693	FDSN	IR	--	ISC	iLoc	??? ???	-
UDBI	3.49	207.1	Pn	21:23:32.550	1.4	T__				14697694	FDSN	IR	--	ISC	iLoc	??? ???	-
UDBI	3.49	207.1	Sn	21:24:12.200	0.0	T__				14697695	FDSN	IR	--	ISC	iLoc	??? ???	-
SMRN	3.73	226.7	Pn	21:23:35.560	1.5	T__				14697696	FDSN	IR	--	ISC	iLoc	??? ???	-
SMRN	3.73	226.7	Sn	21:24:17.580	0.1	T__				14697697	FDSN	IR	--	ISC	iLoc	??? ???	-
NVLJ	3.78	216.1	Pn	21:23:36.690	1.8	T__				14697698	FDSN	IR	--	ISC	iLoc	??? ???	-
NVLJ	3.78	216.1	Sn	21:24:18.760	0.5	T__				14697699	FDSN	IR	--	ISC	iLoc	??? ???	-
KIJV	3.82	197.4	Pn	21:23:37.570	1.8	T__				14697700	FDSN	IR	--	ISC	iLoc	??? ???	-
KIJV	3.82	197.4	Sn	21:24:20.020	-0.2	T__				14697701	FDSN	IR	--	ISC	iLoc	??? ???	-
DIVS	3.83	157.8	Pn	21:23:35.400	0.1	T__				14697702	FDSN	IR	--	ISC	iLoc	??? ???	-
ABTA	3.84	258.3	Pn	21:23:37.230	1.8	T__	1.1	0.34	---	14697703	FDSN	IR	--	ISC	iLoc	??? ???	-
ABTA	3.84	258.3	Sn	21:24:22.979	2.7	T__	4.3	0.80	---	14697704	FDSN	IR	--	ISC	iLoc	??? ???	-
MDVR	3.87	136.7	Pn	21:23:36.534	0.6	T__				14697705	FDSN	IR	--	ISC	iLoc	??? ???	-
BBLs	3.92	164.8	Pn	21:23:37.500	0.9	T__				14697706	FDSN	IR	--	ISC	iLoc	??? ???	-
CJR	3.94	101.8	Pn	21:23:38.391	0.9	T__				14697707	FDSN	IR	--	ISC	iLoc	??? ???	-
GZR	4.01	122.7	Pn	21:23:39.804	1.9	T__				14697708	FDSN	IR	--	ISC	iLoc	??? ???	-
GZR	4.01	122.7	Pg	21:23:43.569	-11.1	---				14697709	FDSN	RO	--	BUD	iLoc	BHZ ???	-
BRJN	4.03	228.4	Pn	21:23:39.490	1.1	T__				14697710	FDSN	IR	--	ISC	iLoc	??? ???	-
BRJN	4.03	228.4	Sn	21:24:24.280	-1.1	T__				14697711	FDSN	IR	--	ISC	iLoc	??? ???	-
MORI	4.12	203.6	Pn	21:23:41.680	1.6	T__				14697712	FDSN	IR	--	ISC	iLoc	??? ???	-
MORI	4.12	203.6	Sn	21:24:27.050	-0.5	T__				14697713	FDSN	IR	--	ISC	iLoc	??? ???	-
HERR	4.14	130.5	Pn	21:23:41.585	2.0	T__				14697714	FDSN	IR	--	ISC	iLoc	??? ???	-
HERR	4.14	130.5	Sn	21:24:29.937	2.3	T__				14697715	FDSN	IR	--	ISC	iLoc	??? ???	-
RUDD	4.16	166.0	Pn	21:23:39.800	0.0	T__				14697716	FDSN	IR	--	ISC	iLoc	??? ???	-
DUGI	4.20	210.2	Pn	21:23:42.230	1.0	T__				14697717	FDSN	IR	--	ISC	iLoc	??? ???	-
DUGI	4.20	210.2	Sn	21:24:29.420	-0.2	T__				14697718	FDSN	IR	--	ISC	iLoc	??? ???	-
RICI	4.21	188.5	Pn	21:23:42.450	1.1	T__				14697719	FDSN	IR	--	ISC	iLoc	??? ???	-
RICI	4.21	188.5	Sn	21:24:30.810	0.6	T__				14697720	FDSN	IR	--	ISC	iLoc	??? ???	-
WTTA	4.33	267.1	Pn	21:23:43.646	1.2	T__	0.9	0.26	---	14697721	FDSN	IR	--	ISC	iLoc	??? ???	-
WTTA	4.33	267.1	Sn	21:24:34.283	1.7	T__	2.6	0.36	---	14697722	FDSN	IR	--	ISC	iLoc	??? ???	-
ZIRJ	4.33	203.1	Pn	21:23:44.380	1.2	T__				14697723	FDSN	IR	--	ISC	iLoc	??? ???	-
ZIRJ	4.33	203.1	Sn	21:24:33.000	0.1	T__				14697724	FDSN	IR	--	ISC	iLoc	??? ???	-
WATA	4.36	268.1	Pn	21:23:43.541	0.8	T__	0.1	0.08	---	14697725	FDSN	IR	--	ISC	iLoc	??? ???	-
WATA	4.36	268.1	Sn	21:24:33.739	0.6	T__	1.1	0.24	---	14697726	FDSN	IR	--	ISC	iLoc	??? ???	-
ARCR	4.36	95.2	Pn	21:23:46.019	2.6	T__				14697727	FDSN	RO	--	BUD	iLoc	BHZ ???	-
MAKA	4.43	189.2	Pn	21:23:46.310	1.8	T__				14697728	FDSN	IR	--	ISC	iLoc	??? ???	-
MAKA	4.43	189.2	Sn	21:24:36.040	0.5	T__				14697729	FDSN	IR	--	ISC	iLoc	??? ???	-
SQTA	4.62	267.0	Pn	21:23:47.067	0.7	T__	0.1	0.10	---	14697730	FDSN	IR	--	ISC	iLoc	??? ???	-
SQTA	4.62	267.0	Sn	21:24:39.371	-0.1	T__	2.8	0.46	---	14697731	FDSN	IR	--	ISC	iLoc	??? ???	-
MOTA	4.68	268.7	Pn	21:23:48.892	1.6	T__	0.2	0.12	---	14697732	FDSN	IR	--	ISC	iLoc	??? ???	-
MOTA	4.68	268.7	Sn	21:24:41.987	1.0	T__	0.8	0.28	---	14697733	FDSN	IR	--	ISC	iLoc	??? ???	-
STON	4.79	182.5	Pn	21:23:51.700	2.2	T__				14697734	FDSN	IR	--	ISC	iLoc	??? ???	-
STON	4.79	182.5	Sn	21:24:44.420	-0.2	T__				14697735	FDSN	IR	--	ISC	iLoc	??? ???	-
BURAR	4.88	87.5	Pn	21:23:52.116	1.2	T__				14697736	FDSN	RO	--	BUD	iLoc	BHZ ???	-
CLL	4.89	320.2	Pn	21:23:52.000	2.5	T__				14697737	FDSN	IR	--	ISC	iLoc	??? ???	-
CLL	4.89	320.2	Lg	21:25:12.000	1.0	T__	11.0	0.80	---	14697738	FDSN	IR	--	ISC	iLoc	??? ???	-
BURAR	4.89	87.9	Pg	21:23:52.227	-18.8	---				14697739	FDSN	IR	--	ISC	iLoc	??? ???	-
BURAR	4.89	87.9	Sn	21:24:49.546	2.1	T__				14697740	FDSN	IR	--	ISC	iLoc	??? ???	-
RETA	4.89	270.6	Pn	21:23:51.023	1.0	T__				14697741	FDSN	IR	--	ISC	iLoc	??? ???	-
RETA	4.89	270.6	Sn	21:24:46.768	1.1	T__	0.7	0.32	---	14697742	FDSN	IR	--	ISC	iLoc	??? ???	-
FETA	4.98	265.3	Pn	21:23:52.382	0.9	T__	0.6	0.34	---	14697743	FDSN	IR	--	ISC	iLoc	??? ???	-
FETA	4.98	265.3	Sn	21:24:48.816	0.2	T__	1.2	0.40	---	14697744	FDSN	IR	--	ISC	iLoc	??? ???	-
VOIR	5.36	111.9	Pn	21:23:58.553	1.1	T__				14697745	FDSN	IR	--	ISC	iLoc	??? ???	-

DAVA	5.51	269.1	Pn	21:23:59.971	1.1	T__	0.6	0.23	---	14697746	FDSN	IR	--	ISC	iLoc	???	???	-
DAVA	5.51	269.1	Sn	21:24:58.980	-2.4	T__	1.1	0.03	---	14697747	FDSN	IR	--	ISC	iLoc	???	???	-
DRME	5.54	170.7	Pn	21:24:01.900	2.2	T__			---	14697748	FDSN	IR	--	ISC	iLoc	???	???	-
CDF	7.22	279.9	Pn	21:24:21.500	-0.7	T__			---	14697749	FDSN	IR	--	ISC	iLoc	???	???	-
CDF	7.22	279.9	Pg	21:24:50.700	-3.8	---			---	14697750	FDSN	IR	--	ISC	iLoc	???	???	-
CDF	7.22	279.9	Sn	21:25:39.000	-2.2	T__			---	14697751	FDSN	IR	--	ISC	iLoc	???	???	-
CDF	7.22	279.9	Lg	21:26:23.600	-2.9	T__	0.5	0.41	---	14697752	FDSN	IR	--	ISC	iLoc	???	???	-
HINF	7.51	275.3	Pn	21:24:23.400	-2.7	T__			---	14697753	FDSN	IR	--	ISC	iLoc	???	???	-
HINF	7.51	275.3	Pg	21:24:30.600	-29.2	---			---	14697754	FDSN	IR	--	ISC	iLoc	???	???	-
HINF	7.51	275.3	Sn	21:25:45.800	-1.1	T__	1.1	0.44	---	14697755	FDSN	IR	--	ISC	iLoc	???	???	-
LPG	8.04	258.5	Pn	21:24:36.500	3.0	T__			---	14697756	FDSN	IR	--	ISC	iLoc	???	???	-
LPG	8.04	258.5	Sn	21:25:58.600	-3.3	T__	0.1	0.30	---	14697757	FDSN	IR	--	ISC	iLoc	???	???	-
LPL	8.04	258.7	Pn	21:24:37.100	3.7	T__			---	14697758	FDSN	IR	--	ISC	iLoc	???	???	-
LPL	8.04	258.7	Sn	21:25:58.700	-3.0	T__	0.3	0.37	---	14697759	FDSN	IR	--	ISC	iLoc	???	???	-
MBDF	8.32	253.5	Pn	21:24:41.400	4.6	T__			---	14697760	FDSN	IR	--	ISC	iLoc	???	???	-
MEZF	8.70	280.3	Pn	21:24:47.100	4.5	T__			---	14697761	FDSN	IR	--	ISC	iLoc	???	???	-
MEZF	8.70	280.3	Sn	21:26:14.300	-2.3	T__	0.6	0.32	---	14697762	FDSN	IR	--	ISC	iLoc	???	???	-
ORIF	8.82	256.3	Pn	21:24:47.000	3.0	T__			---	14697763	FDSN	IR	--	ISC	iLoc	???	???	-
ORIF	8.82	256.3	Sn	21:26:16.700	-3.6	T__	0.2	0.30	---	14697764	FDSN	IR	--	ISC	iLoc	???	???	-
LMR	9.15	246.0	Pn	21:24:47.900	-0.3	T__			---	14697765	FDSN	IR	--	ISC	iLoc	???	???	-
SMRF	9.42	251.5	Pn	21:24:54.800	2.4	T__			---	14697766	FDSN	IR	--	ISC	iLoc	???	???	-
SMRF	9.42	251.5	Sn	21:26:30.500	-4.0	T__	0.2	0.25	---	14697767	FDSN	IR	--	ISC	iLoc	???	???	-
VIVF	9.64	258.0	Pn	21:24:55.200	0.2	T__			---	14697768	FDSN	IR	--	ISC	iLoc	???	???	-
CAF	11.35	261.9	Pn	21:25:14.100	-4.1	---			---	14697769	FDSN	IR	--	ISC	iLoc	???	???	-
MFF	12.40	271.8	Pn	21:25:31.800	-0.2	T__			---	14697770	FDSN	IR	--	ISC	iLoc	???	???	-
SUMG	35.39	334.3	P	21:29:02.000	-30.4	---			---	14697771	FDSN	IR	--	ISC	iLoc	???	???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/24	14:09:14.34	1.58	0.51	48.7083	22.5489	22.2	5.2	64	8.3F	14.5	9	5	187	0.29	1.92	m	ke BUD	14697558	iLoc			215

Magnitude	Err	Nsta	Author	OrigID
M	2.7	4	BUD	14697558

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
KOLS	0.29	321.1	Pg	14:09:19.934	-0.2					T__						14697560	FDSN	SK	--	BUD	iLoc	HHZ	???	-
KOLS	0.29	321.1	Lg	14:09:25.069	-0.1					T__						14697561	FDSN	SK	--	BUD	iLoc	HHN	???	-
MASL	0.48	310.0	Pg	14:09:23.122	-0.2					T__						14697562	FDSN	SK	--	BUD	iLoc	EHZ	???	-
MASL	0.48	310.0	Lg	14:09:31.447	0.4					T__						14697563	FDSN	SK	--	BUD	iLoc	EHZ	???	-
TRPA	0.58	180.6	Pg	14:09:25.752	0.1					T__						14697564	FDSN	HU	--	BUD	iLoc	BHZ	???	-
TRPA	0.58	180.6	Lg	14:09:34.854	-0.6					T__						14697565	FDSN	HU	--	BUD	iLoc	BHE	???	-
BMR	1.21	148.2	Pg	14:09:37.941	0.1					T__						14697566	FDSN	RO	--	BUD	iLoc	BHZ	???	-
BMR	1.21	148.2	Sn	14:09:55.221	-0.6					T__						14697567	FDSN	RO	--	BUD	iLoc	BHE	???	-
DRGR	1.92	176.7	Pn	14:09:47.954	0.5					T__						14697568	FDSN	RO	--	BUD	iLoc	BHZ	???	-

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2015/12/28	21:01:33.42	1.52	0.51	47.3576	18.1357	11.2	5.5	142	3.4F	12.4	9	6	145	0.09	1.27	m	ke BUD	14698149	iLoc				200

Magnitude	Err	Nsta	Author	OrigID
-----------	-----	------	--------	--------

ML 1.4 0.5 4 BUD 14698149

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.09	86.2	Pg	21:01:35.663	0.1					T__	89.1	0.1			MLv	0.3	14698151	FDSN	HU	--	BUD	iLoc	SHZ	SHZ	_
CSKK	0.09	86.2	Lg	21:01:37.186	-0.0					T__							14698152	FDSN	HU	--	BUD	iLoc	SHZ	???	_
CSKK	0.09	86.2	Lg	21:01:37.243	-0.0					T__							14698153	FDSN	HU	--	BUD	iLoc	SHE	???	_
(Station ML : 0.3 1																									
A269A	0.33	30.7	Pg	21:01:40.156	-0.0					T__	2.4	0.1			MLv	1.1	14698154	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Station ML : 1.1 1																									
MPLH	0.45	245.4	Pg	21:01:42.799	0.3					T__	1.6	0.2			MLv	1.7	14698155	FDSN	HU	--	BUD	iLoc	BHZ	BHZ	_
(Station ML : 1.7 1																									
TIH	0.49	200.4	Pg	21:01:43.731	0.4					T__	1.8	0.1			MLv	1.7	14698156	FDSN	HU	--	BUD	iLoc	SHN	SHZ	_
TIH	0.49	200.4	Lg	21:01:49.691	-1.0					T__							14698157	FDSN	HU	--	BUD	iLoc	SHN	???	_
(Station ML : 1.7 1																									
MORH	1.19	162.8	Sn	21:02:13.132	-0.1					T__							14698158	FDSN	HU	--	BUD	iLoc	BHE	???	_
KOVH	1.27	181.1	Sn	21:02:15.481	0.2					T__							14698159	FDSN	HU	--	BUD	iLoc	BHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2015/12/31	02:32:08.99	1.10	0.52	48.6709	19.7077	5.8	5.0	75	15.6F	8.9	13	7	88	0.10	1.96	m	ke BUD	14699619	iLoc			163

Magnitude Err Nsta Author OrigID
M 2.1 6 BUD 14699619

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
IZAB	0.10	178.1	Pg	02:32:12.809	0.2					T__						14699621	FDSN	SK	--	BUD	iLoc	EHZ	???	_
IZAB	0.10	178.1	Lg	02:32:15.085	-0.1					T__						14699622	FDSN	SK	--	BUD	iLoc	EHN	???	_
LANS	0.51	341.8	Pg	02:32:19.580	0.3					T__						14699623	FDSN	SK	--	BUD	iLoc	EHZ	???	_
LANS	0.51	341.8	Lg	02:32:26.084	-0.6					T__						14699624	FDSN	SK	--	BUD	iLoc	EHN	???	_
KECS	0.55	109.7	Pg	02:32:20.428	0.3					T__						14699625	FDSN	SK	--	BUD	iLoc	EHZ	???	_
KECS	0.55	109.7	Lg	02:32:27.889	-0.6					T__						14699626	FDSN	SK	--	BUD	iLoc	EHN	???	_
VYHS	0.61	253.3	Pn	02:32:21.970	-0.1					T__						14699627	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VYHS	0.61	253.3	Lg	02:32:29.928	-0.2					T__						14699628	FDSN	SK	--	BUD	iLoc	HHN	???	_
PSZ	0.76	170.5	Pg	02:32:25.382	0.3					T__						14699629	FDSN	GE	--	BUD	iLoc	BHZ	???	_
PSZ	0.76	170.5	Lg	02:32:35.761	-0.7					T__						14699630	FDSN	GE	--	BUD	iLoc	BHE	???	_
NIE	0.85	27.8	Pn	02:32:26.045	0.4					T__						14699631	FDSN	PL	--	BUD	iLoc	BHZ	???	_
NIE	0.85	27.8	Lg	02:32:36.618	-0.7					T__						14699632	FDSN	PL	--	BUD	iLoc	BHE	???	_
TRPA	1.96	104.9	Pg	02:32:46.582	0.3					T__						14699633	FDSN	HU	--	BUD	iLoc	BHZ	???	_

6. References

- Bondár, I., and K. McLaughlin (2009). Seismic location bias and uncertainty in the presence of correlated and non-Gaussian travel-time errors, *Bull. Seism. Soc. Am.*, 99, 172-193.
- Bondár, I., and D. Storchak (2011). Improved location procedures at the International Seismological Centre, *Geophys. J. Int.*, 186, 1220-1244.
- Dziewonski, A.M and F. Gilbert (1976). The effect of small, aspherical perturbations on travel times and a re-examination of the correction for ellipticity, *Geophys. J. R. Astr. Soc.*, 44, 7-17.
- Engdahl, E.R., R. van der Hilst, and R. Buland (1998). Global teleseismic earthquake relocation with improved travel times and procedures for depth determination, *Bull. Seism. Soc. Am.* 88, 722-743.
- Gráczér, Z. and Wéber, Z., 2012. One-dimensional P-wave velocity model for the territory of Hungary from local earthquake data, *Acta Geod. Geoph. Hung.* 47, 344–357.
- Grünthal, G. (1998). European Macroseismic Scale 1998 (EMS-98), *Cahiers du Centre Européen de Géodynamique et de Séismologie* 15, Centre Européen de Géodynamique et de Séismologie, Luxembourg, 99 pp.
- Kennett, B.L.N., E.R. Engdahl, and R. Buland (1995). Constraints on seismic velocities in the Earth from traveltimes, *Geophys. J. Int.*, 122, 108-124.
- Kennett, B.L.N. and O. Gudmundsson, (1996). Ellipticity corrections for seismic phases, *Geophys. J. Int.*, 127, 40-48.
- Lee, W.H.K. and Lahr, J.C., (1975). HYPO71 (Revised): A computer program for determining hypocenter, magnitude, and first motion pattern of local earthquakes. U. S. Geological Survey Open-file report 75-311.
- Murphy, J.R. and B.W. Barker (2006). Improved focal-depth determination through automated identification of the seismic depth phases pP and sP, *Bull. Seism. Soc. Am.*, 96, 1213-1229.
- Myers, S.C., M.L. Begnaud, S. Ballard, M.E. Pasyanos, W.S Phillips, A.L. Ramirez, M.S. Antolik, K.D. Hutcheson, J.J. Dwyer, C.A. Rowe and G.S. Wagner (2010). A crust and upper-mantle model of Eurasia and North Africa for Pn travel-time calculation, *Bull. Seism. Soc. Am.*, 100, 640–656.
- Sambridge, M. (1999). Geophysical inversion with a neighbourhood algorithm. I. Searching the parameter space, *Geophys. J. Int.*, 138, 479-494.

Sambridge, M. and B.L.N. Kennett (2001). Seismic event location: non-linear inversion using a neighbourhood algorithm, *Pure Appl. Geophys.*, 158, 241-257.

Wéber, Z (2006). Probabilistic local waveform inversion for moment tensor and hypocentral location, *Geophysical Journal International* 165(2), 607–621.

Wéber, Z (2016a). Probabilistic waveform inversion for 22 earthquake moment tensors in Hungary: new constraints on the tectonic stress pattern inside the Pannonian basin, *Geophysical Journal International* 204(1), 236–249.

Wéber, Z (2016b). Source parameters for the 2013–2015 earthquake sequence in Nógrád county, Hungary. *Journal of Seismology* 20(3), 987–999.

